API Well Number: 43013527190000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
Lake Fork Ranch 4-13B4

2. TYPE OF WORK
DRILL NEW WELL ● REENTER P&A WELL ○ DEEPEN WELL ○

3. FIELD OR WILDCAT
ALTAMONT

4. TYPE OF WELL
Oil Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME

6. NAME OF OPERATOR
EP ENERGY E&P COMPANY, L.P.

7. OPERATOR PHONE
713 997-5038

8. ADDRESS OF OPERATOR
1001 Louisiana, Houston, TX, 77002

9. OPERATOR E-MAIL
maria.gomez@epenergy.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
Ute 1420H621743

11. MINERAL OWNERSHIP
FEDERAL ○ INDIAN ● STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ○ INDIAN ○ STATE ○ FEE ●

13. NAME OF SURFACE OWNER (if box 12 = 'fee')
Lake Fork Ranch

14. SURFACE OWNER PHONE (if box 12 = 'fee')
435-454-3546

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')
HC 65 Box 510048, Mountain Home, UT 84051

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')
Ute

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ●

19. SLANT
VERTICAL ● DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2569 FNL 2526 FWL	SENW	13	2.0 S	4.0 W	U
Top of Uppermost Producing Zone	2569 FNL 2526 FWL	SENW	13	2.0 S	4.0 W	U
At Total Depth	2569 FNL 2526 FWL	SENW	13	2.0 S	4.0 W	U

21. COUNTY
DUCHESNE

22. DISTANCE TO NEAREST LEASE LINE (Feet)
2526

23. NUMBER OF ACRES IN DRILLING UNIT
640

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
1100

26. PROPOSED DEPTH
MD: 13325 TVD: 13325

27. ELEVATION - GROUND LEVEL
6059

28. BOND NUMBER
RLB0009692

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
Duchesne City

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	13.375	0 - 600	54.5	J-55 ST&C	8.8	Class G	758	1.15	15.8
SURF	12.25	9.625	0 - 3300	40.0	N-80 LT&C	9.6	Unknown	450	3.16	11.0
							Unknown	191	1.33	14.3
I1	8.75	7	0 - 10600	29.0	HCP-110 LT&C	11.5	Unknown	485	2.31	12.0
							Unknown	91	1.91	12.5
L1	6.125	4.5	10400 - 13325	13.2	HCP-110 LT&C	13.3	Unknown	236	1.47	14.2

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Maria S. Gomez | **TITLE** Principal Regulatory Analyst | **PHONE** 713 997-5038

SIGNATURE | **DATE** 12/05/2013 | **EMAIL** maria.gomez@epenergy.com

API NUMBER ASSIGNED
43013527190000

APPROVAL
Permit Manager

RECEIVED: April 23, 2014

Lake Fork Ranch 4-13B4
Sec. 13, T2S, R4W
DUCHESNE COUNTY, UT

EP ENERGY E&P COMPANY, L.P.

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers**

Formation	Depth
Green River (GRRV)	5,408' TVD
Green River (GRTN1)	6,372' TVD
Mahogany Bench	7,386' TVD
L. Green River	8,721' TVD
Wasatch	10,550' TVD
T.D. (Permit)	13,325' TVD

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

Substance	Formation	Depth
	Green River (GRRV)	5,408' MD / TVD
	Green River (GRTN1)	6,372' MD / TVD
	Mahogany Bench	7,386' MD / TVD
Oil	L. Green River	8,721' MD / TVD
Oil	Wasatch	10,550' MD / TVD

3. **Pressure Control Equipment:** (Schematic Attached)

A 5.0" by 20.0" rotating head on structural pipe from surface to 600' MD/TVD. A 5.0" by 13-3/8" Smith Rotating Head (Diverter Stack) from 600' MD/TVD to 3,300' MD/TVD on Conductor. A 10M BOP stack w/ rotating head, 10M annular, blind rams & mud cross from 3,300' MD/TVD to 10,600' MD/TVD. A 10M BOP stack w/ rotating head, 10M annular, blind rams & mud cross from 10,600' MD/TVD to TD (13,325' MD/TVD).

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

OPERATORS MINIMUM SPECIFICATIONS FOR BOPE:

The surface casing will be equipped with a flanged casing head of 5M psi working pressure. An 11" 5M x 11" 10M spool, 11" x 10M psi BOP and 5M psi annular will be nipped up on the surface casing and tested to 250 psi low test / 3,000 psi high test for 10 minutes each prior to drilling out. The surface casing will be tested to 1,000 psi. for 30 mins. Intermediate casing will be tested to the

RECEIVED: December 05, 2013

greater of 1,500 psi or 0.22 psi/ft. The choke manifold equipment, upper Kelly cock and floor safety valves will be tested to 5M psi. The annular preventer will be tested to 250 psi low test / 4,000 psi high test. The 10M BOP will be installed with rotating head, spacer spool, 10M annular, 3-½ x 5" flex rams, blind rams, mud cross, single w/ flex rams, and B section from surface shoe to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventer will be activated weekly and weekly BOP drills will be held with each crew.

Statement on Accumulator System and Location of Hydraulic Controls:

Patterson Rig # 307 is expected to be used to drill the proposed well. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance with 5M and 10M psi systems.

Auxiliary Equipment:

A) Pason Gas Monitoring 600' - TD
B) Mud logger with gas monitor – 3,300' to TD (13,325' MD/TVD)
C) Choke manifold with one manual and one hydraulic operated choke
D) Full opening floor valve with drill pipe thread
E) Upper and lower Kelly cock
F) Shaker, de-sander and centrifuge

4. **Proposed Casing & Cementing Program:**

Please refer to the attached Wellbore Diagram.
All casing will meet or exceed the following design safety factors:

- Burst = 1.00
- Collapse = 1.125
- Tension = 1.2 (including 100k# overpull)

Cement design calculations for intermediate and production hole will be based on minimum 10% excess over gauge hole volumes. Actual volumes pumped will be a minimum of 10% excess over caliper volume to designed tops of cement for any section logged. A minimum of 50% excess over gauge volume will be pumped on surface casing.

5. **Drilling Fluids Program:**

Proposed Mud Program:

Interval	Type	Mud Weight
Surface	WBM	8.8 – 9.6
Intermediate	WBM	9.6 – 11.5
Production	WBM	11.5 – 13.3

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Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for trip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program**:

Logs:
Mud Log: 3,300' MD/TVD – TD (13,325' MD/TVD)
Open Hole Logs: Gamma Ray, Neutron-Density, Resistivity, Sonic, from surface casing shoe to TD.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 13,325' TVD equals approximately 9,216 psi. This is calculated based on a 0.6916 psi/ft gradient (13.3 ppg mud density at TD).

Maximum anticipated surface pressure equals approximately 6,284 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

Maximum anticipated surface pressure based on frac gradient at 7" casing shoe is 0.8 psi/ft at 10,600' TVD = 8,480 psi

BOPE and casing design will be based on the lesser of the two MASPs which is 6,284 psi.

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

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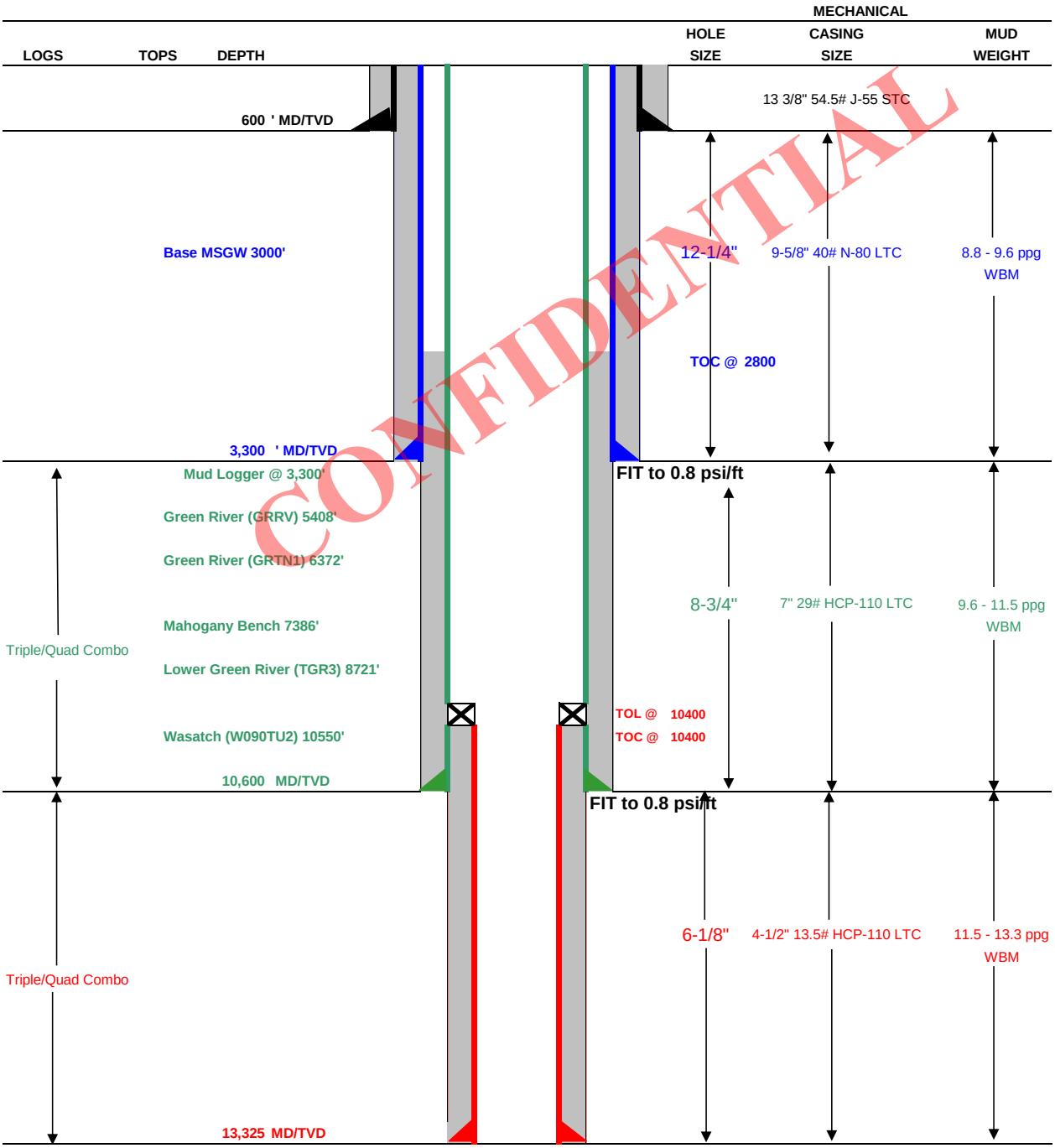
EP ENERGY

Drilling Schematic

Company Name:	EP ENERGY	**Date:**	November 19, 2013
Well Name:	Lake Fork Ranch 4-13B4	**TD:**	13,325
Field, County, State:	Altamont, Duchesne, Utah	**AFE #:**	TBD
Surface Location:	Sec 13 T2S R4W 2569' FNL 2526' FWL	**BHL:**	Straight Hole
Objective Zone(s):	Green River, Wasatch	**Elevation:**	6058.7
Rig:	Patterson 307	**Spud (est.):**	TBD

BOPE Info: Diverter from 600' to 3,300' 11 10M BOP stack w/rotating head, 10M annular, rams, blind rams & mud cross used from 3,300' to 10,600' 11 10M BOE w/rotating head, 10M annular, pipe rams, blind rams & mud cross from 10,600' to TD



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DRILLING PROGRAM

CASING PROGRAM	SIZE	INTERVAL		WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0	600	54.5	J-55	STC	2,740	1,130	514
SURFACE	9-5/8"	0	3300	40.00	N-80	LTC	5,750	3,090	737
INTERMEDIATE	7"	0	10600	29.00	HCP-110	LTC	11,220	9,750	797
PRODUCTION LINER	4-1/2"	10400	13325	13.50	HCP-110	LTC	12,420	11,810	338

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		600	Class G + 3% CACL2	758	100%	15.8 ppg	1.15
SURFACE	Lead	2,800	EXTENDACEM (TM) SYSTEM: 5 lbm/sk Silicalite Compacted + 0.25 lbm/sk Kwik Seal + 0.125 lbm/sk Poly-E-Flake + 2% Bentonite	450	75%	11.0 ppg	3.16
	Tail	500	HALCEM (TM) SYSTEM: 3 lbm/sk Silicalite Compacted + 1% Salt + 0.3% Econolite + 0.25 lbm/sk Poly-E-Flake + 0.25 lbm/sk Kwik Seal + 0.5% HR-5	191	50%	14.3 ppg	1.33
INTERMEDIATE	Lead	6,800	EXTENDACEM (TM) SYSTEM: 4% Bentonite + 0.4% Econolite + 0.2% Halad(R)-322 + 3 lbm/sk Silicalite Compacted + 1.2% HR-5 + 0.125 lbm/sk Poly-E-Flake	485	10%	12.0 ppg	2.31
	Tail	1,000	EXPANDACEM (TM) SYSTEM: 0.2% Econolite + 0.3% Versaset + 0.9% HR-5 + 0.3% Super CBL + 0.2% Halad(R)-322 + 0.125 lbm/sk Poly-E-Flake	91	10%	12.5 ppg	1.91
PRODUCTION LINER		2,925	EXTENDACEM (TM) SYSTEM: 0.3% Super CBL + 0.1% SA-1015 + 0.3% Halad(R)-413 + 0.5% SCR-100 + 0.125 lbm/sk Poly-E-Flake + 3 lbm/sk Silicalite Compacted + 20% SSA-1	236	25%	14.20	1.47

FLOAT EQUIPMENT & CENTRALIZERS	
CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M,P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Maker joint at 8,700'.
LINER	Float shoe, 1 joint, float collar. Thread lock all FE. Maker joints every 1000'.

PROJECT ENGINEER(S): Brad MacAfee 713-997-6383

MANAGER: Tommy Gaydos

RECEIVED: December 05, 2013

EP ENERGY E&P COMPANY, L.P.

LAKE FORK RANCH 4-13B4
SECTION 13, T2S, R4W, U.S.B.&M.

PROCEED WEST ON PAVED STATE HIGHWAY 87 FROM THE INTERSECTION OF HIGHWAY 87 WITH 15500 WEST STREET IN ALTAMONT, UTAH APPROXIMATELY 2.40 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL SOUTHEASTERLY ON A GRAVEL ROAD 0.85 MILES TO AN INTERSECTION;

TURN LEFT AND TRAVEL EASTERLY THEN SOUTHEASTERLY 3.06 MILES ON A GRAVEL ROAD TO THE ACCESS ROAD;

FOLLOW FLAGS SOUTHEASTERLYAPPROXIMATELY 0.26 MILES TO THE PROPOSED WELL LOCATION.

TOTAL DISTANCE FROM ALTAMONT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 6.57 MILES.

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API Well Number: 43013527190000

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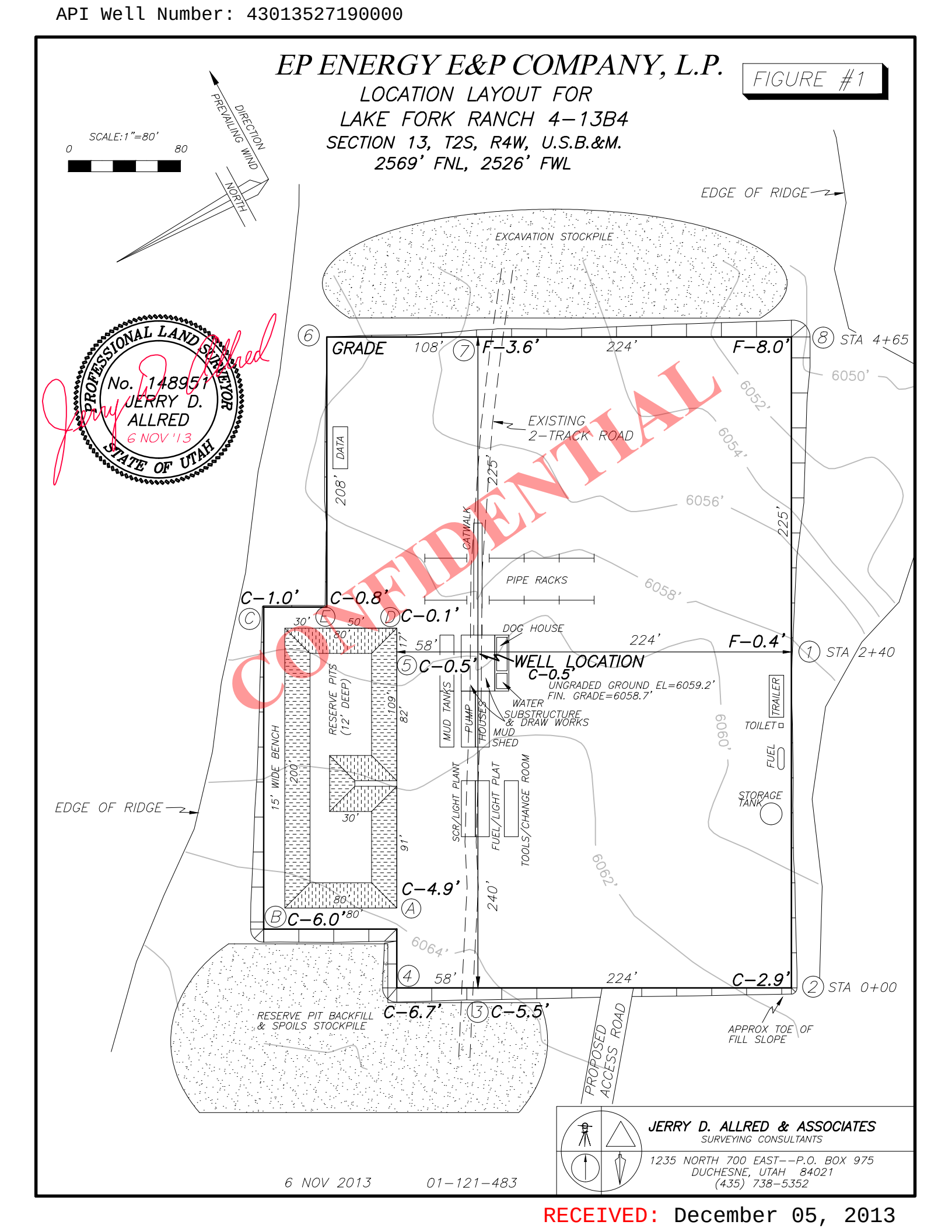
API Well Number: 43013527190000

EP ENERGY E&P COMPANY, L.P.

FIGURE #1

LOCATION LAYOUT FOR
LAKE FORK RANCH 4-13B4
SECTION 13, T2S, R4W, U.S.B.&M.
2569' FNL, 2526' FWL



PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
6 NOV '13
STATE OF UTAH

Jerry D. Allred

CONFIDENTIAL

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

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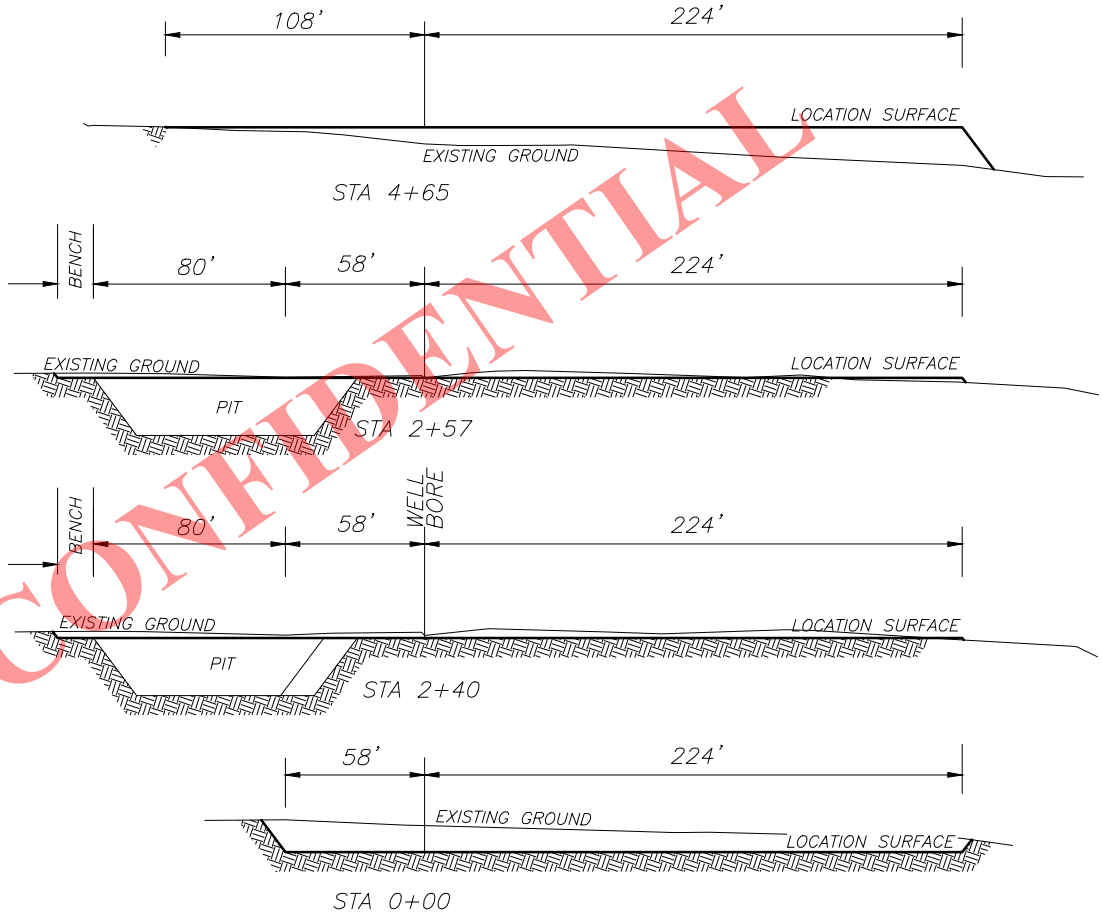
EP ENERGY E&P COMPANY, L.P.

FIGURE #2

LOCATION LAYOUT FOR
LAKE FORK RANCH 4-13B4
SECTION 13, T2S, R4W, U.S.B.&M.
2569' FNL, 2526' FWL

1"=40'
X-SECTION SCALE
1"=80'

NOTE: ALL CUT/FILL SLOPES ARE 1½:1 UNLESS OTHERWISE NOTED



APPROXIMATE YARDAGES

TOTAL CUT (INCLUDING PIT) = 16,856 CU. YDS.

PIT CUT	=	4865 CU. YDS.
TOPSOIL STRIPPING: (6")	=	3180 CU. YDS.
REMAINING LOCATION CUT	=	8811 CU. YDS

TOTAL FILL = 7869 CU. YDS.

LOCATION SURFACE GRAVEL=1653 CU. YDS. (4" DEEP)

ACCESS ROAD GRAVEL=372 CU. YDS.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
6 NOV '13
STATE OF UTAH

Jerry D. Allred

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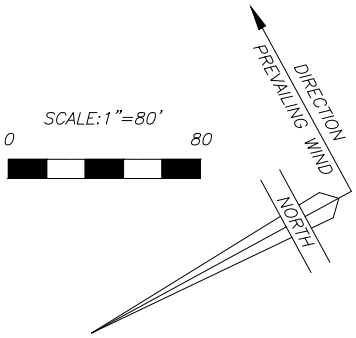
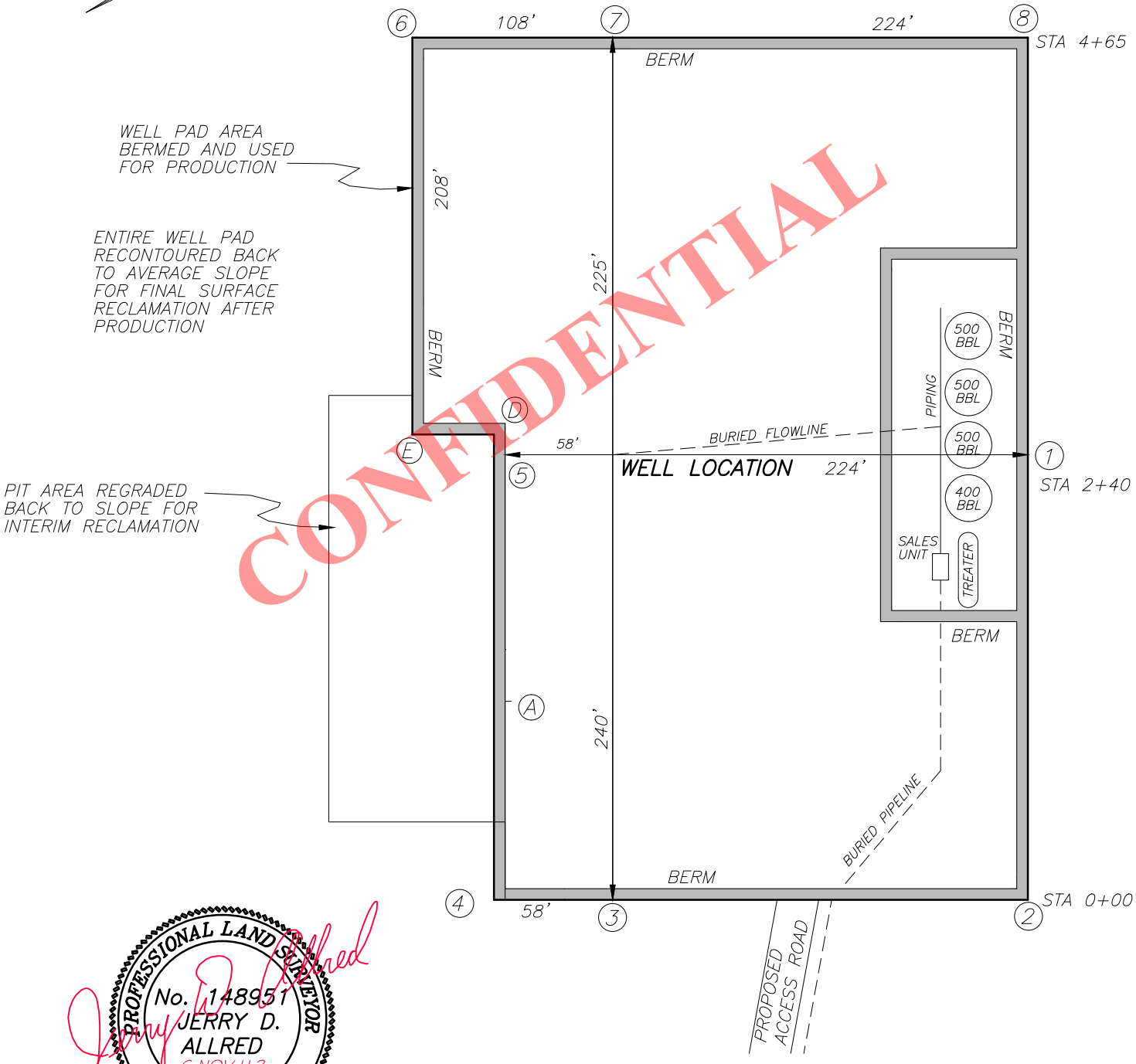
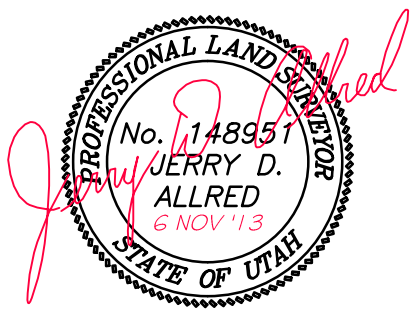
EP ENERGY E&P COMPANY, L.P.

FIGURE #3

LOCATION LAYOUT FOR
LAKE FORK RANCH 4-13B4
SECTION 13, T2S, R4W, U.S.B.&M.
2569' FNL, 2526' FWL







JERRY D. ALLRED & ASSOCIATES
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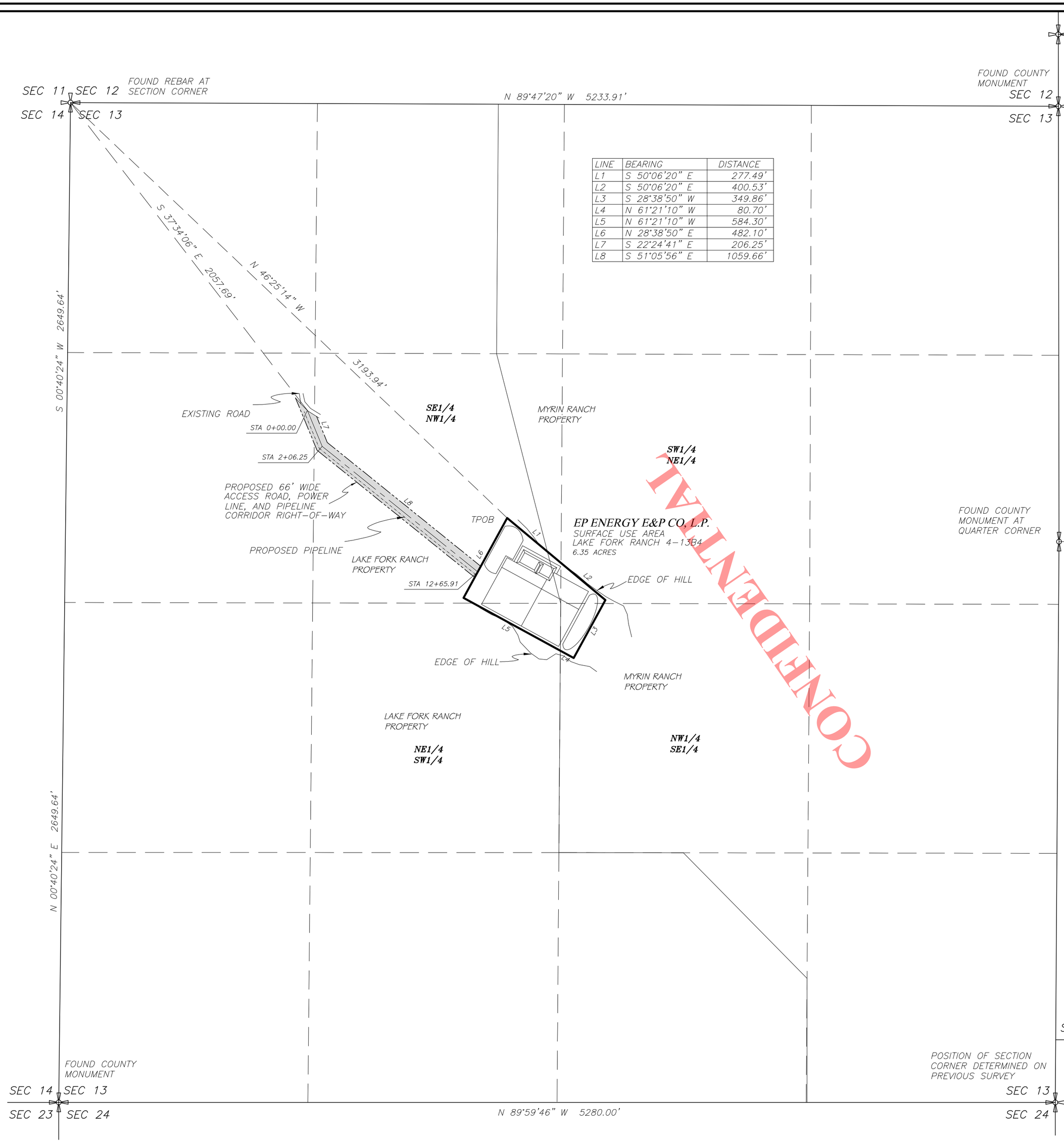


LINE	BEARING	DISTANCE
L1	S 50°06'20" E	277.49'
L2	S 50°06'20" E	400.53'
L3	S 28°38'50" W	349.86'
L4	N 61°21'10" W	80.70'
L5	N 61°21'10" W	584.30'
L6	N 28°38'50" E	482.10'
L7	S 22°24'41" E	206.25'
L8	S 51°05'56" E	1059.66'

LOCATION USE AREA AND ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY SURVEY FOR

EP ENERGY E&P COMPANY, L.P.

LAKE FORK RANCH 4-13B4

SECTION 13, T2S, R4W, U.S.B.&M.

DUCHESNE COUNTY, UTAH

NORTH

SCALE: 1"=400'

0 400 800 1200

USE AREA BOUNDARY DESCRIPTION

Commencing at the Northwest Corner of Section 13, Township 2 South, Range 4 West of the Uintah Special Base and Meridian;
Thence South 46°25'14" East 3193.94 feet to the TRUE POINT OF BEGINNING;
Thence South 50°06'20" East 678.02 feet;
Thence South 28°38'50" West 349.86 feet;
Thence North 61°21'10" West 665.00 feet;
Thence North 28°38'50" East 482.10 feet to the TRUE POINT OF BEGINNING, containing 6.35 acres.

ACCESS ROAD, POWER LINE, AND PIPELINE CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 66 feet wide access road, power line, and pipeline corridor right-of-way over portions of Section 13, Township 2 South, Range 4 West of the Uintah Special Base and Meridian, the centerline of said right-of-way being further described as follows:
Commencing at the Northwest Corner of said Section 13;
Thence South 37°34'06" East 2057.69 feet to the TRUE POINT OF BEGINNING, said point being on the South line of an existing road;
Thence South 22°24'41" East 206.25 feet;
Thence South 51°05'56" East 1059.66 feet to the North line of the EP Energy E&P Co. Lake Fork Ranch 4-13B4 well location use area boundary. Said right-of-way being 1265.91 feet in length with the side lines being shortened or elongated to intersect said use area boundary and existing road line.

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°21.33.56882"N AND LONG. 110°16'31.53266"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

SURVEYOR'S CERTIFICATE

This is to certify that this plat was prepared from the field notes and electronic data collector files of an actual survey made by me, or under my personal supervision, of the use area and access road, power line, and pipeline corridor right-of-way shown hereon, and that the monuments indicated were found or set during said survey, and that this plat accurately represents said survey to the best of my knowledge.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
5 NOV '13
STATE OF UTAH

JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

COUNTY SURVEYOR FILE NO.

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

5 NOV 2013 01-128-483

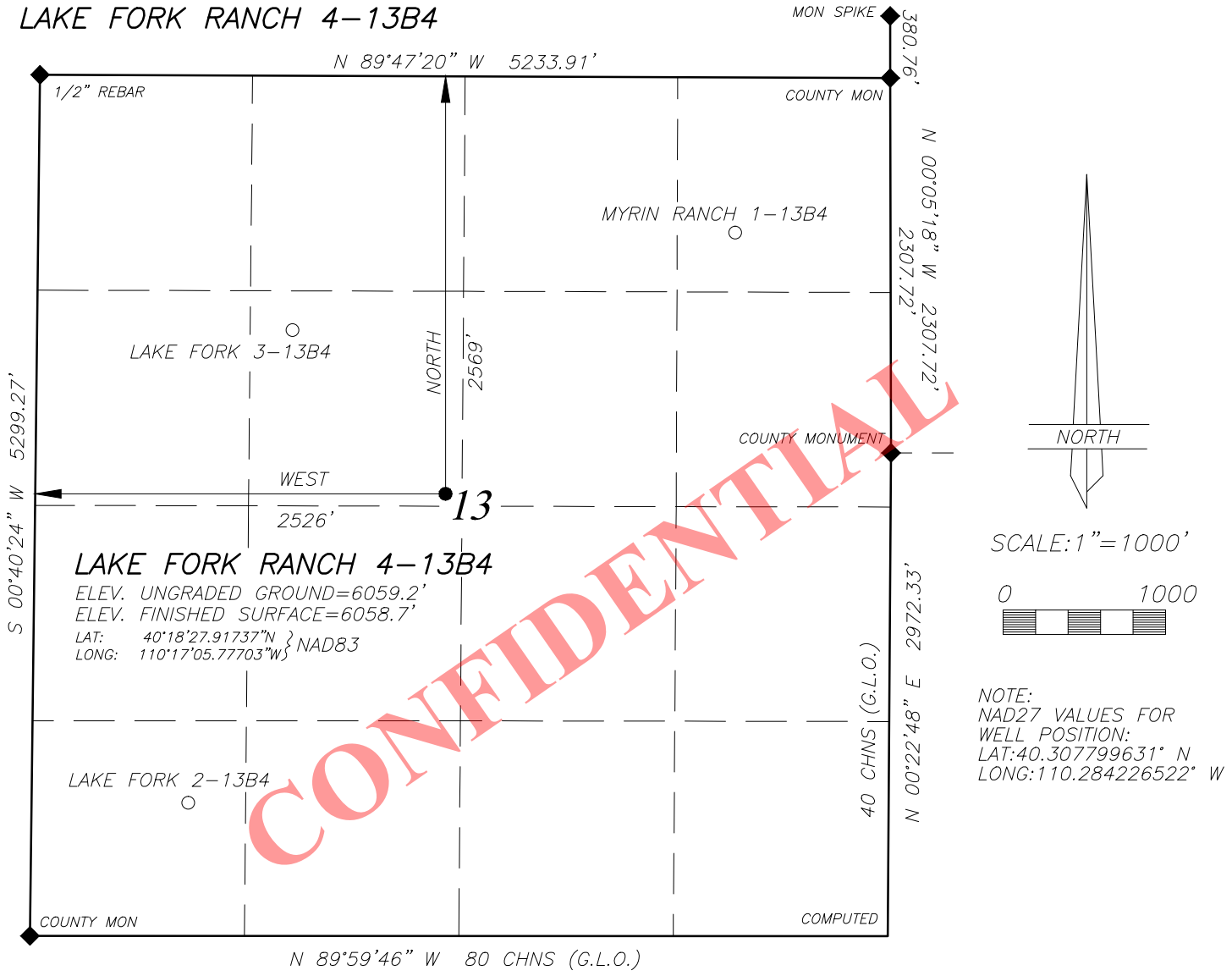
API Well Number: 43013527190000

EP ENERGY E&P COMPANY, L.P.

WELL LOCATION

LAKE FORK RANCH 4-13B4

LOCATED IN THE SE¼ OF THE NW¼ OF SECTION 13, T2S, R4W, U.S.B.&M. DUCHESNE COUNTY, UTAH



NOTE:
NAD27 VALUES FOR WELL POSITION:
LAT:40.307799631° N
LONG:110.284226522° W

LEGEND AND NOTES

◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP

THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT

THE BASIS OF BEARINGS IS GEODETIC NORTH DERIVED FROM G.P.S. OBSERVATIONS AT A CONTROL POINT LOCATED AT LAT. 40°2133.56882"N AND LONG. 110°16'31.53266"W USING THE UTAH STATE G.P.S. VIRTUAL REFERENCE STATION CONTROL NETWORK MAINTAINED AND OPERATED BY THE AUTOMATED GEOGRAPHIC REFERENCE CENTER

BASIS OF ELEVATIONS: NAVD 88 DATUM USING THE UTAH REFERENCE NETWORK CONTROL SYSTEM

19 NOV 2013
6 NOV 2013 01-121-483

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM THE FIELD NOTES AND ELECTRONIC DATA COLLECTOR FILES OF AN ACTUAL SURVEY PERFORMED BY ME, OR UNDER MY PERSONAL SUPERVISION, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR REESTABLISHED.

PROFESSIONAL LAND SURVEYOR
No. 148951
JERRY D. ALLRED
19 NOV '13
STATE OF UTAH

JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

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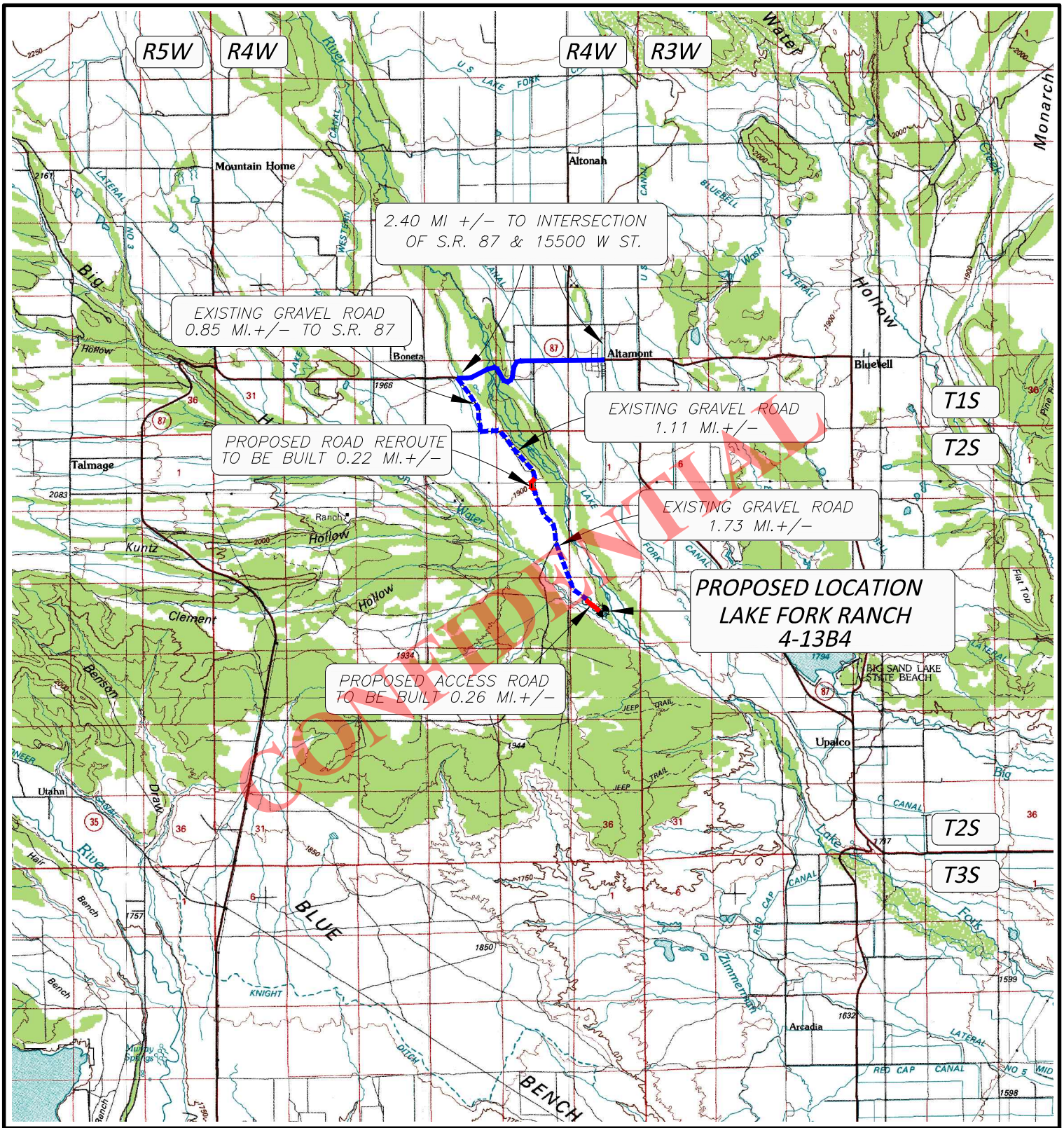

LEGEND:

PROPOSED WELL LOCATION

NORTH

EL PASO E&P COMPANY, L.P.

LAKE FORK RANCH 4-13B4

SECTION 13, T2S, R4W, U.S.B.&M.

2569' FSL 2526' FWL

01-128-483

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SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
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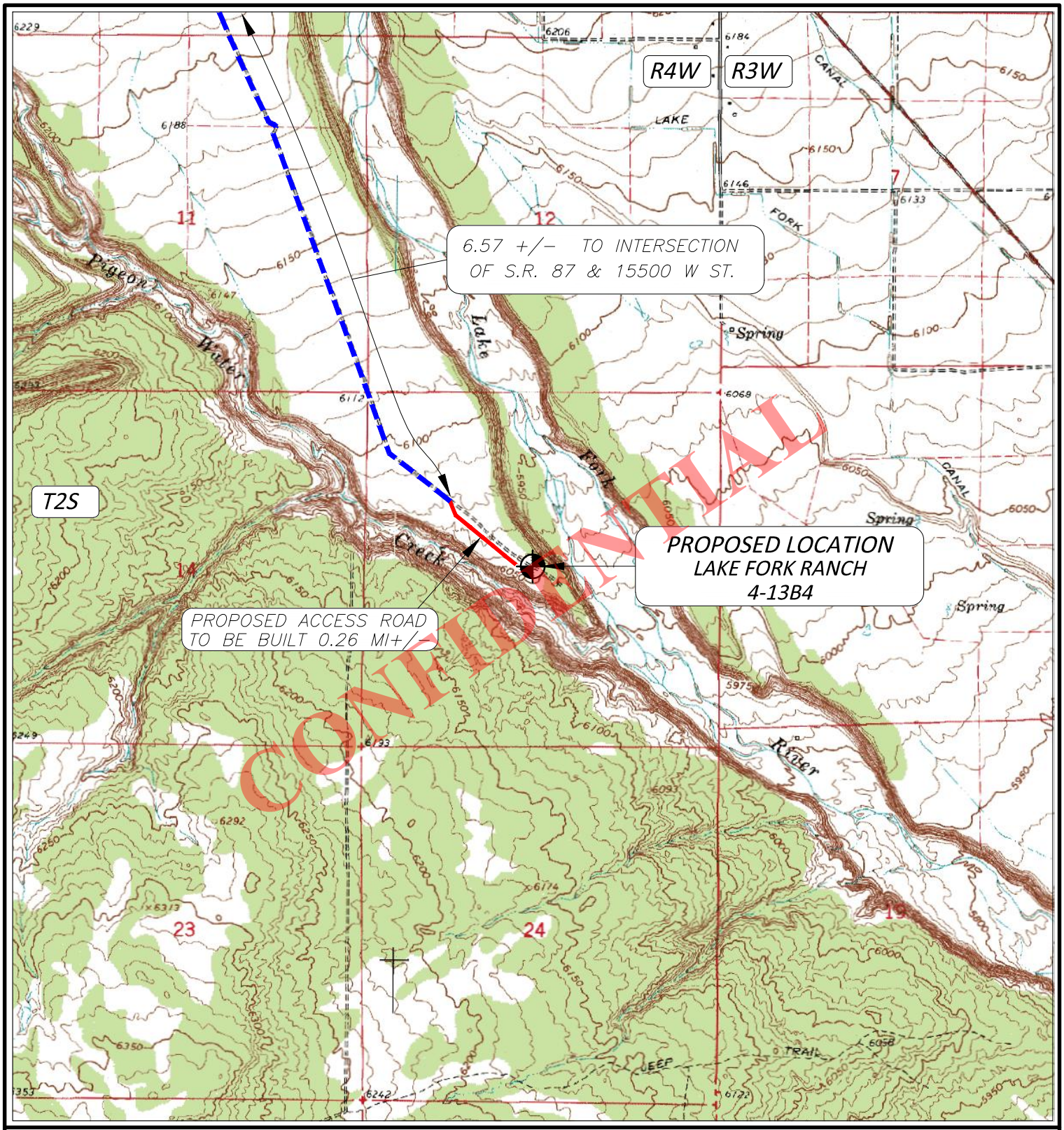
TOPOGRAPHIC MAP "A"

SCALE; 1"=10,000'

6 NOV 2013

RECEIVED: December 05, 2013

API Well Number: 43013527190000



LEGEND:

- PROPOSED WELL LOCATION
- PROPOSED ACCESS ROAD
- EXISTING GRAVEL ROAD

01-128-483

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS
1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

EP ENERGY E&P COMPANY, L.P.

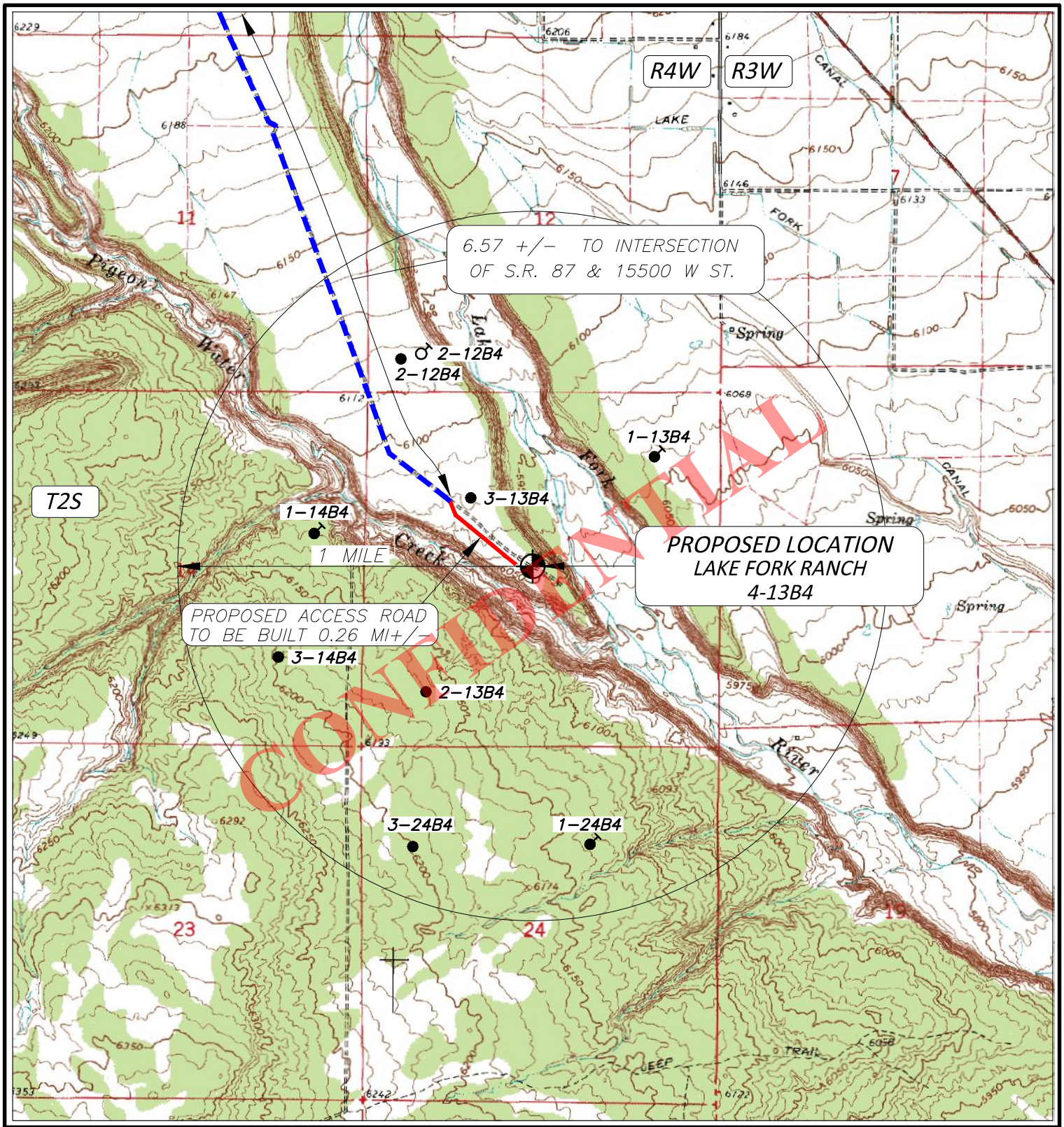
LAKE FORK RANCH 4-13B4
SECTION 13, T2S, R4W, U.S.B.&M.
2569' FNL 2526' FWL

TOPOGRAPHIC MAP "B"

SCALE; 1"=2000'
6 NOV 2013

RECEIVED: December 05, 2013

API Well Number: 43013527190000



LEGEND:

PROPOSED WELL LOCATION

2-25C6

01-128-483

JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

1235 NORTH 700 EAST--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5352

NORTH

EP ENERGY E&P COMPANY, L.P.

LAKE FORK RANCH 4-13B4
SECTION 13, T2S, R4W, U.S.B.&M.
2569' FNL 2526' FWL

TOPOGRAPHIC MAP "C"

SCALE; 1"=2000'
6 NOV 2013

RECEIVED: December 05, 2013

AFFIDAVIT OF DAMAGE SETTLEMENT AND RELEASE

Jacquelyn L. Lynch personally appeared before me, and, being duly sworn, deposes and says:

1. My name is Jacquelyn L. Lynch. I am a Landman for EP Energy E&P Company, L.P., whose address is 1001 Louisiana St., Houston, Texas 77002 ("EP Energy").
2. EP Energy is the operator of the proposed Lake Fork Ranch 4-13B4 well (the "Well") to be located in the SE/4NW/4 of Section 13, Township 2 South, Range 4 West, USM, Duchesne County, Utah (the "Drillsite Location"). The surface owners of the Drillsite Location are Myrin Ranch, Inc. and Lake Fork Ranch, Inc (collectively, "the Surface Owners"). Myrin Ranch, Inc. is located at HC 65 Box 30, Altamont, UT 84001, their representative can be contacted at (435) 454-3494. Lake Fork Ranch is located at HC 65 Box 510048, Mountain Home, Utah 84051, their representative can be contacted at (435) 454-3546.
3. EP Energy and the Surface Owners have entered into a Damage Settlement and Release Agreement dated November 18, 2013 and November 7, 2013, respectively, to cover any and all injuries or damages of every character and description sustained by the Surface Owners or Surface Owners' property as a result of operations associated with the drilling of the Well.

FURTHER AFFIANT SAYETH NOT.

Jacquelyn L. Lynch

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF HARRIS §

Sworn to and subscribed before me on this 18th day of November, 2013, by Jacquelyn L. Lynch, as Landman for EP Energy E&P Company, L.P., a Delaware limited partnership.

NOTARY PUBLIC

My Commission Expires:

GINGER M CEARLEY
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES
AUG. 2, 2014

Application for Permit to Drill – State DOGM
Lake Fork Ranch 4-13B4
Duchesne County, Utah

EP Energy E&P Company, L.P.

Related Surface Information

1. **Current Surface Use:**
   - Livestock Grazing and Oil and Gas Production.

2. **Proposed Surface Disturbance:**
   - The road will be crown and ditch. Water wings will be constructed on the access road as needed.
   - The topsoil will be windrowed and re-spread in the borrow area.
   - New road to be constructed will be approximately .26 miles in length and 66 feet wide.
   - All equipment and vehicles will be confined to the access road, pad and area specified in the APD.

3. **Location Of Existing Wells:**
   - Existing oil, gas wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

4. **Location And Type Of Drilling Water Supply:**
   - Drilling water: Duchesne City Water

5. **Existing/Proposed Facilities For Productive Well:**
   - There are no existing facilities that will be utilized for this well.
   - A pipeline corridor .26 miles will parallel the proposed access road. The corridor will contain one 4 inch gas line and one 2 inch gas line and one 2 inch Salt Water disposal line. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
   - Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.

6. **Construction Materials:**
   - Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

7. **Methods For Handling Waste Disposal:**
   - The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point with the pit. The pit will be lined with a 20-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be place in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
   - Garbage and other trash will be contained in the portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig moving off location and hauled to an authorized disposal site.
   - Sewage will be handled in Portable Toilets.
   - Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from the location at a later date.
   - Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's

8. **Ancillary Facilities:**
   - There will be no ancillary facilities associated with this project.

RECEIVED: December 05, 2013

9. **Surface Reclamation Plans:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared.

- Seed will be planted after September 15th, and prior to ground frost, or seed will be planted after the frost has left and before May 15th. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.

1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.

- Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.

1. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
2. Landowner will be contacted for rehabilitation requirements.

10. **Surface Ownership:**

Myrin Ranch, Inc.
HC 65 Box 30
Altamont, UT 84001
435-454-3494

Lake Fork Ranch, Inc.
HC 65 Box 510048
Mountain Home, UT 84051
435-454-3546

Other Information:

- The surface soil consists of clay, and silt.
- Flora – vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- Fauna – antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- Current surface uses – Livestock grazing and mineral exploration and production.

- **Operator and Contact Persons:**

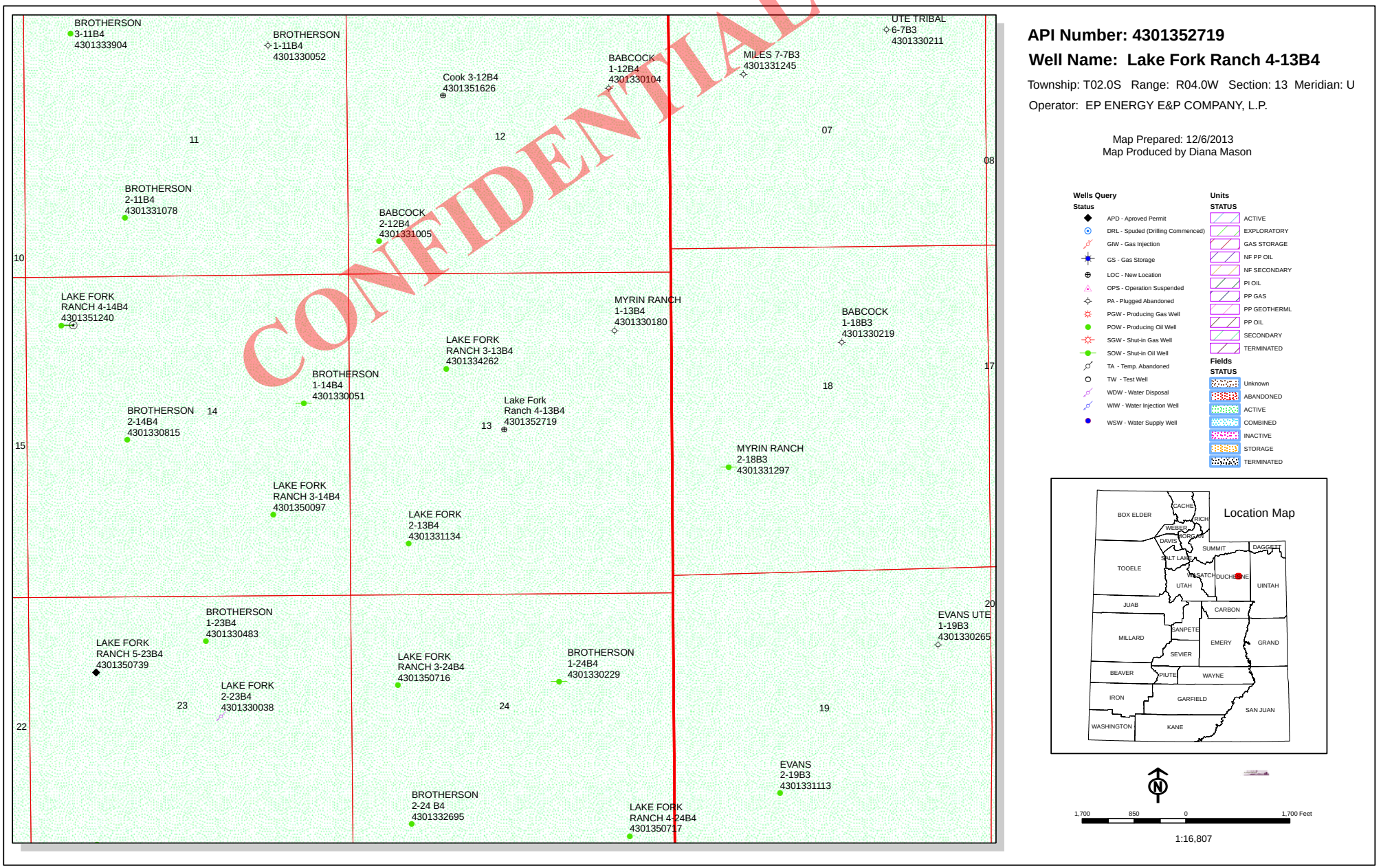
Construction and Reclamation:
EP Energy E&P Company, L.P.
Wayne Garner
PO Box 410
Altamont, Utah 84001
435-454-3394 – Office
435-823-1490 – Cell

Regarding This APD
EP Energy E&P Company, L.P.
Maria S. Gomez
1001 Louisiana, Rm 2640A
Houston, Texas 77002
713-997-5038 – Office

Drilling
EP Energy E&P Company, L.P.
Brad MacAfee – Drilling Engineer
1001 Louisiana, Rm 2660D
Houston, Texas 77002
713-997-6383 – office
281-813-0902 – Cell

RECEIVED: December 05, 2013

API Well Number: 43013527190000



API Number: 4301352719

Well Name: Lake Fork Ranch 4-13B4

Township: T02.0S Range: R04.0W Section: 13 Meridian: U

Operator: EP ENERGY E&P COMPANY, L.P.

Map Prepared: 12/6/2013
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

1,700 850 0 1,700 Feet

1:16,807

RECEIVED: December 06, 2013

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator EP ENERGY E&P COMPANY, L.P.
Well Name Lake Fork Ranch 4-13B4
API Number 43013527190000 **APD No** 9160 **Field/Unit** ALTAMONT
Location: 1/4,1/4 SENW **Sec** 13 **Tw** 2.0S **Rng** 4.0W 2569 FNL 2526 FWL
GPS Coord (UTM) 560764 4462164 **Surface Owner** Lake Fork Ranch

Participants
Brent & Matt Brotherson (surface owners); Nils Myrin (surface owner); Chuck McDonald (BLM); Jared Thacker (EP Energy); Kelsey Carter (Land man for EP); Dennis Ingram (DOGM)

Regional/Local Setting & Topography
The Lake Fork Ranch 4-13B4 stakes up 2.4 miles west of Altamont along Highway 87, then south for approximately 3.0 miles along an existing county road, on bench property just west of the Lake Fork River Drainage on a narrow point. The immediate topography at the proposed well pad is nearly flat but slopes east/southeasterly toward the Lake Fork River, showing 6.7 feet of cut at the northwest corner and eight feet of fill at the southeastern corner. Mountain Home, Altonah, and Altamont are small towns found north of the project; to the west and south is mostly pinion/juniper type habitat with open sagebrush flats utilized for pasture and hay production. The Lake Fork River Drainage cuts through this country in a southeastern direction, paralleling this location approximately a quarter miles to the east; Pigeon Water Creek cuts through this country just south f the location and joins the Lake Fork Drainage several hundred yards to the east of proposed well site. Big Sand Wash Reservoir is the largest body of water in that area and located three miles to the southeast.

Surface Use Plan
Current Surface Use
Grazing
Recreational
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.26	**Width** 360 **Length** 465	Onsite	UNTA

Ancillary Facilities N
Closed loop mud system

Waste Management Plan Adequate?

Environmental Parameters
Affected Floodplains and/or Wetlands Y
Above two flood plains

Flora / Fauna
Sagebrush, pinion/juniper, rabbit brush, prickly pear cactus; elk, mule deer, mountain lion, bobcat, coyote, rabbit, raccoon, and other smaller mammals native to river bottoms.

Soil Type and Characteristics

RECEIVED: April 23, 2014

Fine-grained reddish blow sand at surface with underlying cobbles on ridge adjacent to river bottoms

Erosion Issues Y

Sedimentation Issues Y

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Special or more permanent berming south of production tanks to protect Pigeon "Water Creek

Erosion Sedimentation Control Required? Y

Silt fencing needed if toe of fill slopes are near or impact ridge line where it breaks into river drainage

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)		20
Distance to Surface Water (feet)	300 to 1000	2
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations	30 to 50	30 to 50
Presence Nearby Utility Conduits	Present	15
	Final Score	70 1 Sensitivity Level

Characteristics / Requirements

Closed loop mud system because of adjacent canyon wall to north with the Lake Fork River below

Closed Loop Mud Required? Y **Liner Required?** **Liner Thickness** **Pit Underlayment Required?**

Other Observations / Comments

RECEIVED: April 23, 2014

Reserve pit stake number "C" was approximately thirty feet from where narrow ridge drops off into the Lake Fork River Drainage, has fine-grained blow sand at surface and underlying cobbles, closed loop system required, BLM requested Arch and culture surveys, landowner asked BLM what they do if the landowner doesn't want them on their lands, two landowners share surface, both were present, talked about casing program, they wondered about impact of well to ground and river water, special berming requirements for tanks to prevent spills from running down hillside into river bottom country.

Dennis Ingram	2/5/2014
Evaluator	**Date / Time**

RECEIVED: April 23, 2014

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9160	43013527190000	LOCKED	OW	P	No
Operator	EP ENERGY E&P COMPANY, L.P.		**Surface Owner-APD**	Lake Fork Ranch	
Well Name	Lake Fork Ranch 4-13B4		**Unit**		
Field	ALTAMONT		**Type of Work**	DRILL	
Location	SENW 13 2S 4W U 2569 FNL 2526 FWL GPS Coord (UTM) 560762E 4462164N				

Geologic Statement of Basis

EP proposes to set 600 feet of conductor and 3,300 feet of surface casing both of which will be cemented to surface. The surface and intermediate holes will be drilled utilizing fresh water mud. The estimated depth to the base of moderately saline ground water is 3,000 feet. A search of Division of Water Rights records indicates that there are 9 water wells within a 10,000 foot radius of the proposed location. All water wells are over a mile from the proposed location. These wells range in depth from 31 to 550 feet. Listed use is domestic, irrigation, industrial and stock watering. The wells in this area probably produce water from the Duchesne River Formation and associated alluviumm. Only one well exceeds 500 feet. The proposed casing and cement program should adequately protect the highly used Duchesne River aquifer.

Brad Hill — **APD Evaluator**

3/4/2014 — **Date / Time**

Surface Statement of Basis

The surface at the Lake Fork Ranch 4-13B4 slopes to the east, southeast along a narrow ridge top overlooking the Lake Fork River Drainage to the north and Pigeon Water Creek to the south. The proposed reserve pit corner "C" is staked approximately thirty feet from the south rim of the river canyon wall. The soils are fine-grained blow sand with underlying cobbles which doesn't provide enough stability to assure the proposed reserve pit will not leak out the canyon wall. Therefore, a closed loop mud system shall be required on this pad to protect adjacent lands.

The production tanks are planned for the south side of the location near the ridgeline overlooking Pigeon Water Creek. Therefore, the operator needs to install special, more permanent berming around the south side of the location like utilized in other sensitive areas to prevent any potential spills from entering creek bottom.

A presite was scheduled and performed on the Lake Fork Ranch 4-13B4 on February 5, 2014 to take input and address issues regarding the construction and drilling of this well. This proposed well pad is staked across two different landowners, who were both invited to the presite and did attend. EP Energy and both landowners have entered into a surface owner agreement. This well is a split estate well having private minerals and Tribal minerals, therefore Chuck McDonald with the BLM was invited to address federal concerns. McDonald request an Arch survey and that the surface equipment be painted either Juniper Green or Olive Black. No other issues were noted at the presite.

RECEIVED: April 23, 2014

Dennis Ingram	2/5/2014
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A closed loop mud circulation system is required for this location.
Surface	The well site shall be bermed to prevent fluids from leaving the pad. Special berming requirements around tanks or outside of location to prevent spills from running downhill into adjacent river bottom country (Pigeon Water Creek).

RECEIVED: April 23, 2014

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/5/2013 **API NO. ASSIGNED:** 43013527190000

WELL NAME: Lake Fork Ranch 4-13B4

OPERATOR: EP ENERGY E&P COMPANY, L.P. (N3850) **PHONE NUMBER:** 713 997-5038

CONTACT: Maria S. Gomez

PROPOSED LOCATION: SENW 13 020S 040W **Permit Tech Review:** ☑

SURFACE: 2569 FNL 2526 FWL **Engineering Review:** ☑

BOTTOM: 2569 FNL 2526 FWL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.30778 **LONGITUDE:** -110.28495

UTM SURF EASTINGS: 560762.00 **NORTHINGS:** 4462164.00

FIELD NAME: ALTAMONT

LEASE TYPE: 2 - Indian

LEASE NUMBER: Ute 1420H621743 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** INDIAN - RLB0009692
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** Duchesne City
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-84

Effective Date: 12/31/2008

Siting: 660' Fr Ext. U Bdry & 1320' Fr Other Wells

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
4 - Federal Approval - bhill
5 - Statement of Basis - bhill
8 - Cement to Surface -- 2 strings - hmacdonald
12 - Cement Volume (3) - hmacdonald

RECEIVED: April 23, 2014

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: Lake Fork Ranch 4-13B4
API Well Number: 43013527190000
Lease Number: Ute 1420H621743
Surface Owner: FEE (PRIVATE)
Approval Date: 4/23/2014

Issued to:
EP ENERGY E&P COMPANY, L.P., 1001 Louisiana, Houston, TX 77002

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-84. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volumes for the 13 3/8" and 9 5/8" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2800' MD as indicated in the submitted drilling plan and tail to 500' above the top of Lower Green River.

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284
  (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

RECEIVED
APR 16 2014
BLM Vernal UT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER	5. Lease Serial No. 1420H621743
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA Agreement, Name and No.
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone	8. Lease Name and Well No. LAKE FORK RANCH 4-13B4
2. Name of Operator EL PASO E&P COMPANY LP — Contact: MARIA GOMEZ — E-Mail: maria.gomez@epenergy.com	9. API Well No. 4301352719
3a. Address 1001 LOUISIANA HOSUTON, TX 77002 — 3b. Phone No. (include area code) Ph: 713-997-5038	10. Field and Pool, or Exploratory ALTAMONT
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface SENW 2569FNL 2526FWL — At proposed prod. zone SENW 2569FNL 2526FWL	11. Sec., T., R., M., or Blk. and Survey or Area Sec 13 T2S R4W Mer UBM
14. Distance in miles and direction from nearest town or post office*	12. County or Parish DUCHESNE — 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) — 16. No. of Acres in Lease 280.00	17. Spacing Unit dedicated to this well 640.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1100 — 19. Proposed Depth 13325 MD 13325 TVD	20. BLM/BIA Bond No. on file RLB0009692
21. Elevations (Show whether DF, KB, RT, GL, etc. 6059 GL — 22. Approximate date work will start 06/01/2014	23. Estimated duration 60

RECEIVED
JUN 20 2014
DIV. OF OIL, GAS & MINING

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) MARIA GOMEZ Ph: 713-997-5038	Date 04/16/2014
Title PRINCIPAL REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date JUN 03 2014
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #242508 verified by the BLM Well Information System
For EL PASO E&P COMPANY LP, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 04/21/2014 ()

NOTICE OF APPROVAL

UDOGM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**EL PASO E&P COMPANY LP**	**Location:**	**SENW, Sec. 13, T2S, R4W**
Well No:	**LAKE FORK RANCH 4-13B4**	**Lease No:**	**14-20-H62-1743**
API No:	**43-013-52719**	**Agreement:**	**N/A**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:blm_ut_vn_opreport@blm.gov.
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

Well Number: Lake Fork Ranch 4-13B4

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COA's)

- Paint all production facilities and equipment, not otherwise regulated (OSHA, etc.), Juniper Green.
- All areas of disturbance (including surface pipelines) must have appropriate surface use agreements or approvals in place with the proper owner and/or agency before such action is started.
- The conditions of approval, as set forth by those owners and/or agencies, shall be adhered to.
- Stationary internal combustion engines would comply with the following emission standards: 2 g/bhp-hr of NOx for engines less than 300 HP and 1 g/bhp-hr of NOx for engines over 300 HP.
- Either no or low bleed controllers would be installed on pneumatic pumps, actuators or other pneumatic devices.
- VOC venting controls or flaring would be utilized for oil or gas atmospheric storage tanks.
- VOC venting controls or flaring would be used for glycol dehydration and amine units.
- Where feasible, green completion would be used for well completion, re-completion, venting, or planned blowdown emissions. Alternatively, use controlled VOC emissions methods with 90% efficiency.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- For the drilling of the surface hole section, operator is required to install an bowl diverter system or rotating head which is connected and discharges to an panic or choke blooie line.
- Pressure integrity test (Pit) or formation integrity test (Fit) shall be performed at the intermediate casing shoe.
- Surface casing cement shall be brought up and into the surface.
- For casing production (partial) liner installation, casing line is to be installed and tested to the standards of Onshore Orders #2. The operator specified casing liner lap overlap interval length is 200 ft.
- Electronic/mechanical mud monitoring equipment shall include from surface casing shoe to TD a ; pit volume totalizer (PVT); stroke counter; and flow sensor.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.

- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.

- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.

- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well by CD (compact disc). This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

[redacted]

Alexis Huefner <alexishuefner@utah.gov>

Lake Fork Ranch 4-13B4, API # 43013527190000, Post-24hr Spud Notice

1 message

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Tue, Jun 24, 2014 at 10:28 AM

To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

CONFIDENTIAL

RE: EP ENERGY

LAKE FORK RANCH 4-13B4

API # 43013527190000

DUCHESNE CO., UTAH

2569 FNL 2526 FWL
SENW 13 2S 4W

Leon Ross Drilling spudded well today, 06/24/2014 at 0900 HOURS and plan to set >600' of 13 3/8" casing.

Regards,

Eugene Parker

Wellsite Supervisor

Patterson 307

713-997-1255

[redacted]

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

SENW 5-13 T02S R04W

Lake Fork Ranch 4-13B4, API # 43013527190000, Post-24hr Spud Notice

1 message

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Tue, Jun 24, 2014 at 10:28 AM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

RE: EP ENERGY

LAKE FORK RANCH 4-13B4

API # 43013527190000

DUCHESNE CO., UTAH

Leon Ross Drilling spudded well today, 06/24/2014 at 0900 HOURS and plan to set >600' of 13 3/8" casing.

Regards,

Eugene Parker

Wellsite Supervisor

Patterson 307

713-997-1255

CONFIDENTIAL

[redacted]

Carol Daniels <caroldaniels@utah.gov>

SENW S-13 T02S R04W

EP Energy - Lake Fork Ranch 4-13B4 - API # 43013527190000

1 message

Lease # UTE 1420H621743

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Fri, Jul 4, 2014 at 10:56 AM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

Be advised subject well was spudded @ 17:00 on 7/3/14 . This e-mail serves as 24 hr post notification of spud.

Darryl Reeder

EP Energy

Patterson 307

Rig Office: 713-997-1255

EP ENERGY

[redacted]

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

SE NW S-13 T02S R04W

24 hr Notice, Run & Cement 7" Casing on LAKE FORK RANCH 4-13B4

1 message

LEASE # UTE 1420H621743

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Mon, Jul 14, 2014 at 5:54 PM

To: "ut_vn_opreport@blm.gov" <ut_vn_opreport@blm.gov>, "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

RE: EP ENERGY
LAKE FORK RANCH 4-13B4
API # 43013527190000
LEASE SERIAL # 1420H621743
DUCHESNE COUNTY, UTAH

We plan to run and cement 10,640' of 7", 29#, HCP-110, LTC Intermediate casing. Casing run should begin approximately 1800 hours, 07/15/2014.

Regards,
Eugene Parker
Well Site Supervisor
Patterson 307
713-997-1255

[redacted]

CONFIDENTIAL
Carol Daniels <caroldaniels@utah.gov>

SENW S-13 T02S R04W

EP Energy - Lake Fork Ranch 4-13B4 - API # 43013527190000

1 message

LEASE # UTE 14-20H62-1743

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Tue, Jul 8, 2014 at 6:55 AM
To: "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

Be advised we have TD'd surface on subject well @ 5,458' . We will run and cement 9 5/8" surface casing tonight as previously reported. We will commence NU & test BOPE operations tomorrow AM. This e-mail serves as 24 notification of BOPE test

Regards,

Darryl Reeder

EP Energy

Patterson 307

Rig Office: 713-997-1255

EP ENERGY

[redacted]

CONFIDENTIAL

Carol Daniels <caroldaniels@utah.gov>

SENW S-13 T02S R04W

24 hr Notice, SIDETRACK the LAKE FORK RANCH 4-13B4

1 message

LANDRIG007 (Patterson 307) <LANDRIG007@epenergy.com> Sun, Jul 20, 2014 at 11:27 AM
To: "ut_vn_opreport@blm.gov" <ut_vn_opreport@blm.gov>, "alexishuefner@utah.gov" <alexishuefner@utah.gov>, "caroldaniels@utah.gov" <caroldaniels@utah.gov>, Dan Jarvis <danjarvis@utah.gov>, "Mangum, Danny R (Contractor)" <danny.mangum@epenergy.com>, "dennisingram@utah.gov" <dennisingram@utah.gov>, "Evans, Perry (Contractor)" <Perry.Evans@epenergy.com>, "Gomez, Maria S" <Maria.Gomez@epenergy.com>, "MacAfee, Bradley D" <Brad.MacAfee@epenergy.com>, "Morales, Lisa" <Lisa.Morales@epenergy.com>

RE: EP ENERGY
LAKE FORK RANCH 4-13B4
API # 43013527190000
LEASE SERIAL # 1420H621743
DUCHESNE COUNTY, UTAH

We plan to begin SIDETRACKING approximately 1100 HOURS, 07/21/2014.

Regards,
Eugene Parker
Well Site Supervisor
Patterson 307
713-997-1255

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
Ute 1420H621743

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Ute

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Lake Fork Ranch 4-13B4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013527190000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5038 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2569 FNL 2526 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 13 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/23/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Initial Completion

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

EP plans to complete in the Wasatch. Please see attached for details.

Accepted by the Utah Division of Oil, Gas and Mining
Date: August 28, 2014
By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE		**DATE**
N/A		8/18/2014

RECEIVED: Aug. 18, 2014

Lake Fork Ranch 4-13B4

Initial Completion

API # : 43013527190000

The following precautions will be taken until the RCA for the Conover is completed:

1. Review torque turning and running of the 7" and 5" liner of anomalies.

2. Test and chart casing for 30 minutes, noting pressure if any on surface casing.

3. Test all lubricators, valves and BOP's to working pressure.

4. Wellhead isolation tools will continue to be used to isolate the wellhead during the frac.

5. Monitor the surface casing during frac:

a. Lay a flowline to the flow back tank and keep the valve open.

b. This line will remain in place until a wire line set retrievable packer is in place isolating the 5" casing from the 7" after the frac.

6. 2 7/8" tubing will be run to isolate the 7" casing during the flow back of the well.

7. Well pressure and annulus pressure would be monitored during this time until the well is ready for pump.

Completion Information (Wasatch Formation)

Stage #1 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~13010' – 13252' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of Power Prop 20/40. Total clean water volume is 118580 gals.

Stage #2 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~12714' – 12979' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of Power Prop 20/40. Total clean water volume is 118138 gals.

Stage #3 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~12481' – 12682' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of Power Prop 20/40. Total clean water volume is 117791 gals.

Stage #4 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~12205' – 12442' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of Power Prop 20/40. Total clean water volume is 117379 gals.

Stage #5 RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~11963' – 12176' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~130000 # of Power Prop 20/40. Total clean water volume is 117018 gals.

RECEIVED: Aug. 18, 2014

Stage #6

RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~11690' – 11934' with ~5000 gallons of 15% HCL acid, ~3000 # of 100 mesh sand and ~150000 # of Power Prop 20/40. Total clean water volume is 128844 gals.

RU WL unit with 10K lubricator and test to 10,000 psi with glycol. Perforations from ~' – ' with ~ gallons of 15% HCL acid, ~ # of 100 mesh sand and ~ # of . Total clean water volume is gals.

Stimulation Summary

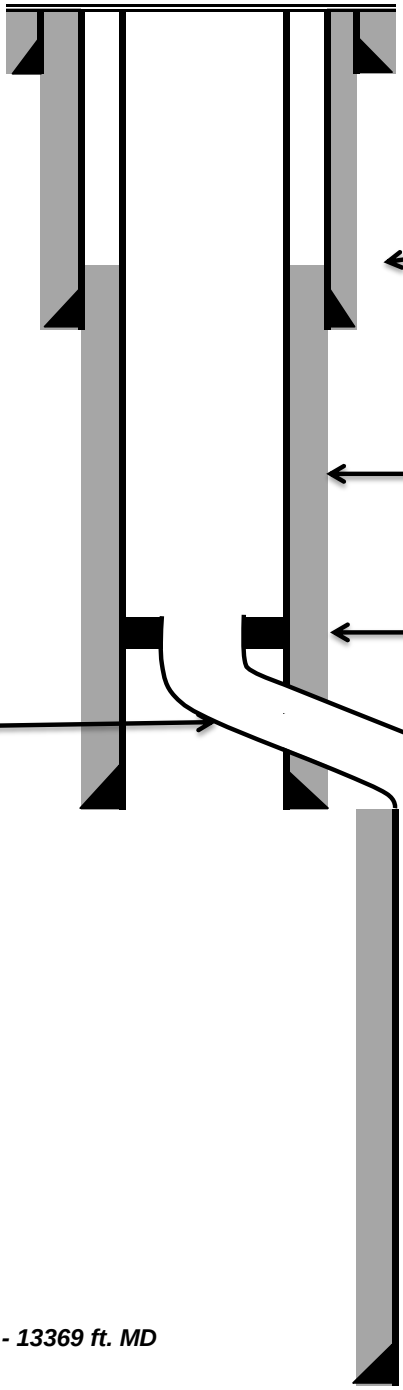
	Top Perf	Btm. Perf	Gross Interval	Plug Depth	Net Perf Length	Total Shots	Perf Intervals	Type of Prop	Lbs of Prop	Lbs/ft	Lbs of 100 Mesh	Gals of HCL (15%)	Gals of Clean H2O	Gals of Slurry
Stage #1	13,010	13,252	242	NA	22	66	17	Power Prop 20/40	130,000	537	3,000	5,000	118,580	133,602
Stage #2	12,714	12,979	265	12,989	23	69	17	Power Prop 20/40	130,000	491	3,000	5,000	118,138	133,161
Stage #3	12,481	12,682	201	12,692	20	60	16	Power Prop 20/40	130,000	647	3,000	5,000	117,791	132,813
Stage #4	12,205	12,442	237	12,452	22	66	17	Power Prop 20/40	130,000	549	3,000	5,000	117,379	132,401
Stage #5	11,963	12,176	213	12,186	21	63	17	Power Prop 20/40	130,000	610	3,000	5,000	117,018	132,040
Stage #6	11,690	11,934	244	11,944	23	69	17	Power Prop 20/40	150,000	615	3,000	5,000	128,844	145,373
Average per Stage			**234**		**22**	**66**	**17**		**133,333**	**575**	**3,000**	**5,000**	**119,625**	**134,899**
Totals per Well			**1,402**		**131**	**393**	**101**		**800,000**		**18,000**	**30,000**	**717,750**	**809,392**

RECEIVED: Aug. 18, 2014

EP ENERGY

Pre-Completion Wellbore Schematic

Well Name:	**Lake Fork Ranch 4-13B4**	**Last Updated:**	*8/11/2014*
Company Name:	*EP Energy*	**By:**	*Jarrod Kent*
Field, County, State:	*Altamont, Duchesne, Utah*	**TD:**	*13,325*
Surface Location:	*Lat: 40°18'27.917" N Long: 110°17'05.777" W*	**API:**	*43013527190000*
Producing Zone(s):	*Wasatch*	**AFE:**	*162113*



8.43 ppg KCL substitute (Clay Webb Water) water in the wellbore

13-3/8" 54.5# J-55 STC @ 635 ft. MD

Estimated 7" TOC: XXXX ft MD

9-5/8" 40# N-80 LTC @ 5456 ft. MD

7" Marker Joint at: 8683 ft MD

Top of Liner at: 10274 ft MD

Whipstock @ 10,491' - 10,501' MD

7" 29# HCP-110 LTC @ 10606 ft. MD
Drift ID = 6.059"

Liner TOC at: XXXX ft MD

Marker Joint 1 @: 11,326 ft MD
Marker Joint 2 @: 12,368 ft MD

Landing Collar @ 13,323 ft MD
Float Collar @ 13,325 ft MD
Float Shoe @ 13,369 ft MD

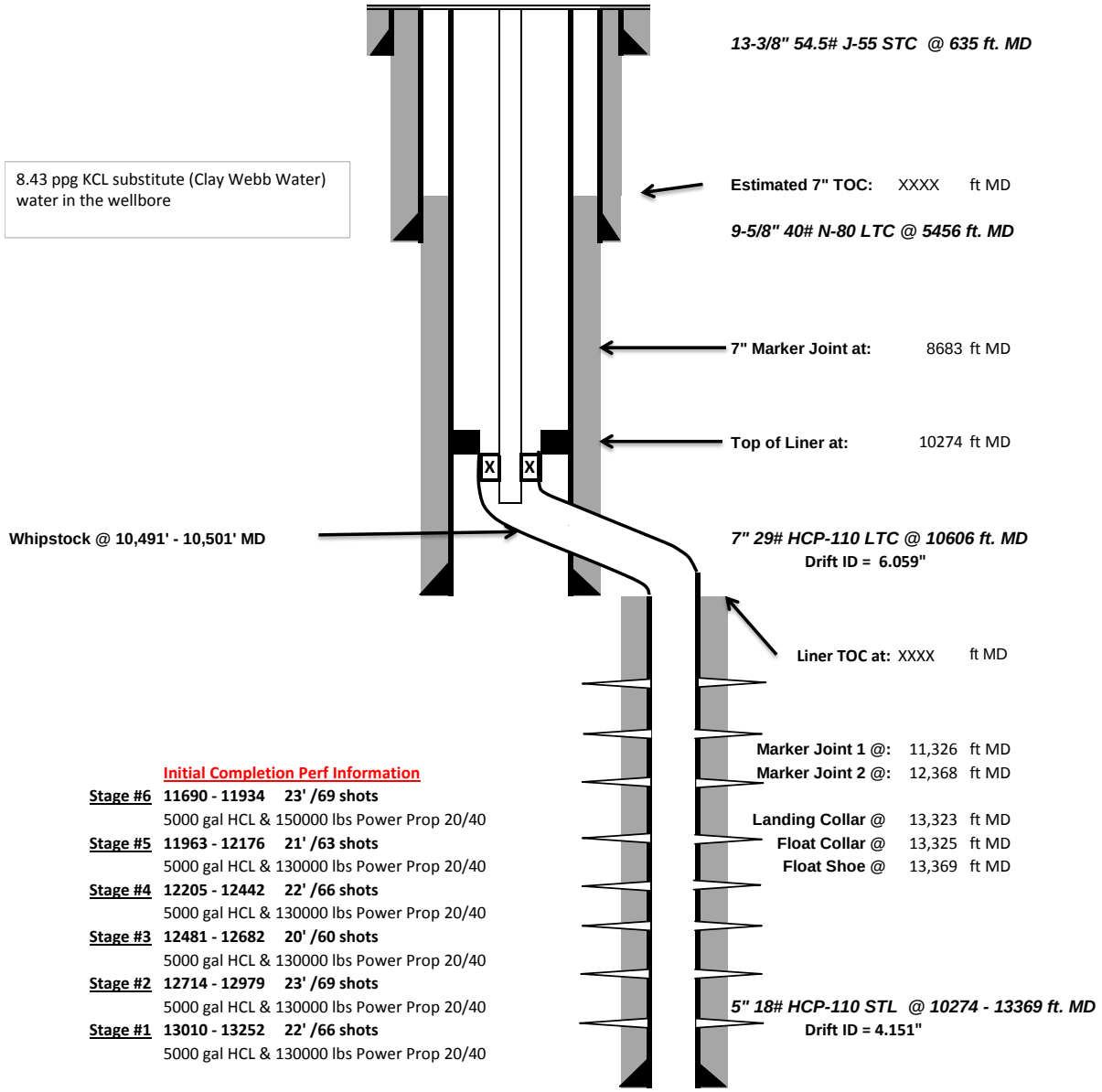
5" 18# HCP-110 STL @ 10274 - 13369 ft. MD
Drift ID = 4.151"

RECEIVED: Aug. 18, 2014

EP ENERGY

Post-Completion Wellbore Schematic

Well Name:	Lake Fork Ranch 4-13B4	Last Updated:	8/18/2014
Company Name:	EP Energy	By:	Jarrod Kent
Field, County, State:	Altamont, Duchesne, Utah	TD:	13,325
Surface Location:	Lat: 40°18'27.917" N Long: 110°17'05.777" W	API:	43013527190000
Producing Zone(s):	Wasatch	AFE:	162113



Initial Completion Perf Information

Stage #6	11690 - 11934	23' /69 shots
	5000 gal HCL & 150000 lbs Power Prop 20/40	
Stage #5	11963 - 12176	21' /63 shots
	5000 gal HCL & 130000 lbs Power Prop 20/40	
Stage #4	12205 - 12442	22' /66 shots
	5000 gal HCL & 130000 lbs Power Prop 20/40	
Stage #3	12481 - 12682	20' /60 shots
	5000 gal HCL & 130000 lbs Power Prop 20/40	
Stage #2	12714 - 12979	23' /69 shots
	5000 gal HCL & 130000 lbs Power Prop 20/40	
Stage #1	13010 - 13252	22' /66 shots
	5000 gal HCL & 130000 lbs Power Prop 20/40	

Sundry Number: 56014 API Well Number: 43013527190000

Reset Form

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: EP Energy E&P Company, L.P.

3. ADDRESS OF OPERATOR: 1001 Louisiana CITY Houston STATE TX ZIP 77002

PHONE NUMBER: (713) 997-5038

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2569' FNL & 3183' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 2966' FNL & 3172' FWL
AT TOTAL DEPTH: 3002' FNL & 3183' FWL

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: Lake Fork Ranch 4-13B4

9. API NUMBER: 4301352719

10 FIELD AND POOL, OR WILDCAT: Altamont

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 13 2S 4W U

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 6/19/2014

15. DATE T.D. REACHED: 8/1/2014

16. DATE COMPLETED: 8/29/2014 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 6059

18. TOTAL DEPTH: MD 13,373 TVD 13,331

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Sonic, Gamma Ray, Resistivity & Neutron Density

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17.5	13.375 J55	54.5	0	635		G 800	920	0	
12.25	9.625 N80	40	0	5,456		Prem 1,240	2,889	0	
8.75	7" HCP1:	29	0	10,606		G 612	1,105	3018	
6.125	5" HCP1:	13.5	10,261	13,370		G 235	345	10261	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	10,374	10,370						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	10,568	13,373	10,527	13,331
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
13,010	13,252	.37	66	Open ☑ Squeezed ☐
12,713	12,980	.37	69	Open ☑ Squeezed ☐
12,481	12,683	.37	60	Open ☑ Squeezed ☐
12,204	12,441	.37	66	Open ☑ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. See attached for further information on #27 & #28.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
13010-13252	5000 gal 15% HCL acid, 3000# 100 mesh, 130020# 20/40 PowerProp
12713-12980	5000 gal 15% HCL acid, 3000# 100 mesh, 130100# 20/40 PowerProp
12481-12683	5000 ga; 15% HCL acid, 3000# 100 mesh, 130010# 20/40 PowerProp

29. ENCLOSED ATTACHMENTS: All logs are submitted to UDOGM by vendor.

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: Prod

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Sep. 28, 2014

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
8/30/2014	9/9/2014	24		209	262	459	FL

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
16	1,000	0	44.00	1	1		209	262	459	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	5,162
				Middle Green River	7,576
				Lower Green River	8,923
				Wasatch	10,568

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S. Gomez TITLE Principal Regulatory Analyst

SIGNATURE Maria Gomez Digitally signed by Maria Gomez DN: cn=Maria Gomez, o=EP Energy, ou=Regulatory, email=maria.gomez@epenergy.com, c=US Date: 2014.09.28 22:34:12 -05'00' DATE 9/28/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: Sep. 28, 2014

Attachment to Well Completion Report

Form 8 Dated September 28, 2014

Well Name: Lake Fork Ranch 4-13B4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom – MD)	Size	No. of Holes	Perf. Status
11963'-12174'	.37	63	Open
11691'-11934'	.37	69	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12204'-12441'	5000 gal acid, 3000# 100 mesh, 130030# 20/40 PowerProp
11963'-12174'	5000 gal acid, 3000# 100 mesh, 130000# 20/40 PowerProp
11691'-11934'	5000 gal acid, 4860# 100 mesh, 150000# 20/40 PowerProp
10513'-10515'	Squeezed thru EZSV w/250 sx/287.5 slurry

RECEIVED: Sep. 28, 2014

EP ENERGY

Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	Lake Fork Ranch 4-13B4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Patterson 307	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Tie In	**0.00**	**0.00**	**0.00**												
1	696.00	0.30	150.62	696.00	696.00	-1.59	1.59	S	0.89	E	1.82	150.62	0.04	0.04	21.64
2	792.00	1.26	130.11	96.00	791.99	-2.49	2.49	S	1.82	E	3.08	143.73	1.03	1.00	-21.36
3	888.00	2.53	123.68	96.00	887.93	-4.34	4.34	S	4.40	E	6.18	134.65	1.34	1.32	-6.70
4	984.00	4.15	118.75	96.00	983.77	-7.19	7.19	S	9.20	E	11.68	127.99	1.71	1.69	-5.14
5	1080.00	4.80	120.48	96.00	1079.47	-10.90	10.90	S	15.71	E	19.12	124.74	0.69	0.68	1.80
6	1175.00	5.41	120.62	95.00	1174.10	-15.19	15.19	S	22.99	E	27.56	123.46	0.64	0.64	0.15
7	1271.00	6.36	122.39	96.00	1269.59	-20.35	20.35	S	31.38	E	37.40	122.96	1.01	0.99	1.84
8	1366.00	6.35	127.94	95.00	1364.01	-26.40	26.40	S	39.96	E	47.89	123.45	0.65	-0.01	5.84
9	1461.00	6.10	132.83	95.00	1458.45	-33.06	33.06	S	47.81	E	58.12	124.66	0.62	-0.26	5.15
10	1557.00	5.78	135.36	96.00	1553.93	-39.96	39.96	S	54.94	E	67.94	126.03	0.43	-0.33	2.64
11	1652.00	4.80	138.95	95.00	1648.53	-46.37	46.37	S	60.92	E	76.55	127.28	1.09	-1.03	3.78
12	1748.00	4.55	140.33	96.00	1744.21	-52.33	52.33	S	65.98	E	84.21	128.41	0.29	-0.26	1.44
13	1842.00	5.03	140.86	94.00	1837.88	-58.39	58.39	S	70.97	E	91.90	129.45	0.51	0.51	0.56
14	1936.00	5.02	134.76	94.00	1931.52	-64.48	64.48	S	76.49	E	100.04	130.13	0.57	-0.01	-6.49
15	2032.00	4.78	121.34	96.00	2027.17	-69.52	69.52	S	82.89	E	108.18	129.99	1.22	-0.25	-13.98
16	2128.00	4.89	115.06	96.00	2122.83	-73.34	73.34	S	90.01	E	116.10	129.17	0.56	0.11	-6.54
17	2224.00	5.34	114.74	96.00	2218.45	-76.94	76.94	S	97.77	E	124.41	128.20	0.47	0.47	-0.33
18	2319.00	5.91	115.19	95.00	2312.99	-80.87	80.87	S	106.21	E	133.50	127.29	0.60	0.60	0.47
19	2415.00	5.18	114.05	96.00	2408.54	-84.74	84.74	S	114.64	E	142.56	126.47	0.77	-0.76	-1.19
20	2510.00	4.70	111.23	95.00	2503.19	-87.90	87.90	S	122.19	E	150.52	125.73	0.57	-0.51	-2.97
21	2606.00	3.93	114.58	96.00	2598.91	-90.69	90.69	S	128.85	E	157.56	125.14	0.84	-0.80	3.49
22	2702.00	3.00	122.78	96.00	2694.74	-93.42	93.42	S	133.95	E	163.31	124.89	1.10	-0.97	8.54
23	2797.00	2.85	130.39	95.00	2789.61	-96.29	96.29	S	137.84	E	168.14	124.94	0.44	-0.16	8.01
24	2893.00	3.47	131.70	96.00	2885.47	-99.77	99.77	S	141.82	E	173.40	125.13	0.65	0.65	1.36
25	2988.00	3.84	136.81	95.00	2980.27	-104.01	104.01	S	146.15	E	179.38	125.44	0.52	0.39	5.38
26	3084.00	4.55	138.87	96.00	3076.02	-109.22	109.22	S	150.85	E	186.24	125.90	0.76	0.74	2.15
27	3180.00	4.24	142.62	96.00	3171.73	-114.91	114.91	S	155.51	E	193.36	126.46	0.44	-0.32	3.91
28	3276.00	3.60	136.07	96.00	3267.51	-119.90	119.90	S	159.76	E	199.74	126.89	0.81	-0.67	-6.82
29	3371.00	3.39	123.10	95.00	3362.33	-123.58	123.58	S	164.18	E	205.49	126.97	0.86	-0.22	-13.65
30	3466.00	3.62	117.69	95.00	3457.16	-126.51	126.51	S	169.19	E	211.25	126.79	0.42	0.24	-5.69
31	3562.00	4.00	117.50	96.00	3552.94	-129.46	129.46	S	174.84	E	217.55	126.52	0.40	0.40	-0.20
32	3657.00	4.56	118.09	95.00	3647.68	-132.77	132.77	S	181.11	E	224.57	126.24	0.59	0.59	0.62
33	3752.00	4.33	119.88	95.00	3742.39	-136.33	136.33	S	187.55	E	231.87	126.01	0.28	-0.24	1.88
34	3847.00	3.51	118.13	95.00	3837.17	-139.49	139.49	S	193.23	E	238.32	125.83	0.87	-0.86	-1.84
35	3943.00	3.72	118.26	96.00	3932.98	-142.35	142.35	S	198.56	E	244.32	125.64	0.22	0.22	0.14

RECEIVED: Sep. 28, 2014

EP ENERGY

Company:	EP Energy	**Job Number:**	
Well:	Lake Fork Ranch 4-13B4	**Mag Decl.:**	
Location:	Duchesne, UT	**Dir Driller:**	
Rig:	Patterson 307	**MWD Eng:**	

Calculation Method	Minimum Curvature
Proposed Azimuth	0.00
Depth Reference	KB
Tie Into:	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
36	4038.00	4.32	121.66	95.00	4027.74	-145.69	145.69	S	204.32	E	250.94	125.49	0.68	0.63	3.58
37	4134.00	3.80	123.73	96.00	4123.50	-149.35	149.35	S	210.05	E	257.73	125.41	0.56	-0.54	2.16
38	4229.00	3.15	121.04	95.00	4218.33	-152.45	152.45	S	214.90	E	263.48	125.35	0.71	-0.68	-2.83
39	4324.00	3.33	117.65	95.00	4313.18	-155.07	155.07	S	219.58	E	268.82	125.23	0.28	0.19	-3.57
40	4419.00	3.85	118.69	95.00	4407.99	-157.88	157.88	S	224.82	E	274.72	125.08	0.55	0.55	1.09
41	4514.00	4.27	119.90	95.00	4502.75	-161.18	161.18	S	230.69	E	281.42	124.94	0.45	0.44	1.27
42	4610.00	4.20	117.74	96.00	4598.49	-164.60	164.60	S	236.90	E	288.47	124.79	0.18	-0.07	-2.25
43	4705.00	4.29	116.10	95.00	4693.23	-167.78	167.78	S	243.17	E	295.43	124.60	0.16	0.09	-1.73
44	4801.00	4.24	115.13	96.00	4788.96	-170.87	170.87	S	249.60	E	302.49	124.39	0.09	-0.05	-1.01
45	4897.00	4.09	110.64	96.00	4884.71	-173.58	173.58	S	256.02	E	309.32	124.14	0.37	-0.16	-4.68
46	4993.00	4.17	108.85	96.00	4980.46	-175.91	175.91	S	262.53	E	316.02	123.83	0.16	0.08	-1.86
47	5089.00	4.73	106.89	96.00	5076.17	-178.19	178.19	S	269.62	E	323.18	123.46	0.60	0.58	-2.04
48	5185.00	4.18	112.25	96.00	5171.88	-180.67	180.67	S	276.64	E	330.41	123.15	0.72	-0.57	5.58
49	5280.00	3.55	126.14	95.00	5266.67	-183.71	183.71	S	282.22	E	336.75	123.06	1.18	-0.66	14.62
50	5383.00	3.67	140.15	103.00	5369.46	-188.12	188.12	S	286.91	E	343.09	123.25	0.86	0.12	13.60
51	5495.00	3.59	142.79	112.00	5481.24	-193.67	193.67	S	291.33	E	349.83	123.61	0.17	-0.07	2.36
52	5590.00	3.18	116.22	95.00	5576.08	-197.20	197.20	S	295.49	E	355.25	123.72	1.69	-0.43	-27.97
53	5686.00	5.14	103.23	96.00	5671.82	-199.36	199.36	S	302.07	E	361.93	123.42	2.25	2.04	-13.53
54	5781.00	6.34	99.26	95.00	5766.35	-201.18	201.18	S	311.39	E	370.72	122.87	1.33	1.26	-4.18
55	5876.00	6.14	92.04	95.00	5860.78	-202.20	202.20	S	321.64	E	379.92	122.16	0.85	-0.21	-7.60
56	5971.00	7.46	102.13	95.00	5955.12	-203.68	203.68	S	332.75	E	390.14	121.47	1.87	1.39	10.62
57	6065.00	6.50	103.26	94.00	6048.42	-206.18	206.18	S	343.89	E	400.97	120.95	1.03	-1.02	1.20
58	6160.00	5.54	105.72	95.00	6142.89	-208.66	208.66	S	353.54	E	410.53	120.55	1.05	-1.01	2.59
59	6256.00	6.02	87.37	96.00	6238.41	-209.68	209.68	S	363.03	E	419.24	120.01	1.98	0.50	-19.11
60	6351.00	7.02	90.82	95.00	6332.80	-209.54	209.54	S	373.81	E	428.54	119.27	1.13	1.05	3.63
61	6446.00	8.35	93.51	95.00	6426.94	-210.04	210.04	S	386.50	E	439.89	118.52	1.45	1.40	2.83
62	6541.00	6.97	95.41	95.00	6521.09	-211.01	211.01	S	399.13	E	451.47	117.86	1.48	-1.45	2.00
63	6636.00	5.67	96.79	95.00	6615.51	-212.11	212.11	S	409.53	E	461.20	117.38	1.38	-1.37	1.45
64	6731.00	5.88	100.40	95.00	6710.03	-213.54	213.54	S	418.97	E	470.25	117.01	0.44	0.22	3.80
65	6825.00	4.93	105.47	94.00	6803.61	-215.49	215.49	S	427.60	E	478.83	116.75	1.13	-1.01	5.39
66	6920.00	4.86	102.38	95.00	6898.27	-217.44	217.44	S	435.47	E	486.74	116.53	0.29	-0.07	-3.25
67	7015.00	6.82	97.64	95.00	6992.77	-219.05	219.05	S	444.99	E	495.98	116.21	2.12	2.06	-4.99
68	7110.00	6.21	104.20	95.00	7087.16	-221.06	221.06	S	455.56	E	506.37	115.89	1.01	-0.64	6.91
69	7205.00	5.90	105.76	95.00	7181.63	-223.65	223.65	S	465.24	E	516.21	115.67	0.37	-0.33	1.64
70	7301.00	8.16	107.25	96.00	7276.90	-227.01	227.01	S	476.50	E	527.81	115.47	2.36	2.35	1.55
71	7395.00	9.38	105.16	94.00	7369.80	-230.99	230.99	S	490.26	E	541.96	115.23	1.34	1.30	-2.22
72	7489.00	10.07	108.63	94.00	7462.45	-235.62	235.62	S	505.45	E	557.67	114.99	0.96	0.73	3.69

RECEIVED: Sep. 28, 2014

EP ENERGY

Company:	EP Energy	**Job Number:**	
Well:	Lake Fork Ranch 4-13B4	**Mag Decl.:**	
Location:	Duchesne, UT	**Dir Driller:**	
Rig:	Patterson 307	**MWD Eng:**	

Calculation Method	Minimum Curvature
Proposed Azimuth	0.00
Depth Reference	KB
Tie Into:	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
73	7585.00	8.99	109.90	96.00	7557.12	-240.86	240.86	S	520.45	E	573.48	114.83	1.15	-1.13	1.32
74	7680.00	9.14	110.78	95.00	7650.94	-246.06	246.06	S	534.49	E	588.40	114.72	0.22	0.16	0.93
75	7776.00	8.66	113.58	96.00	7745.78	-251.66	251.66	S	548.24	E	603.24	114.66	0.67	-0.50	2.92
76	7871.00	7.39	119.55	95.00	7839.85	-257.53	257.53	S	560.11	E	616.48	114.69	1.60	-1.34	6.28
77	7967.00	7.28	121.27	96.00	7935.06	-263.73	263.73	S	570.68	E	628.67	114.80	0.26	-0.11	1.79
78	8062.00	9.20	123.46	95.00	8029.08	-271.04	271.04	S	582.16	E	642.16	114.97	2.05	2.02	2.31
79	8158.00	8.89	124.45	96.00	8123.89	-279.47	279.47	S	594.68	E	657.08	115.17	0.36	-0.32	1.03
80	8253.00	8.78	123.13	95.00	8217.76	-287.59	287.59	S	606.80	E	671.50	115.36	0.24	-0.12	-1.39
81	8349.00	7.85	126.59	96.00	8312.75	-295.50	295.50	S	618.20	E	685.20	115.55	1.10	-0.97	3.60
82	8444.00	6.91	130.20	95.00	8406.96	-303.06	303.06	S	627.78	E	697.10	115.77	1.10	-0.99	3.80
83	8538.00	6.20	135.35	94.00	8500.35	-310.32	310.32	S	635.66	E	707.37	116.02	0.98	-0.76	5.48
84	8633.00	5.03	137.32	95.00	8594.89	-317.03	317.03	S	642.09	E	716.09	116.28	1.25	-1.23	2.07
85	8729.00	4.54	143.43	96.00	8690.56	-323.17	323.17	S	647.21	E	723.41	116.53	0.74	-0.51	6.36
86	8825.00	3.95	150.55	96.00	8786.29	-329.10	329.10	S	651.10	E	729.55	116.81	0.82	-0.61	7.42
87	8920.00	4.11	153.01	95.00	8881.06	-334.99	334.99	S	654.25	E	735.03	117.11	0.25	0.17	2.59
88	9016.00	3.64	151.35	96.00	8976.84	-340.73	340.73	S	657.28	E	740.34	117.40	0.50	-0.49	-1.73
89	9111.00	3.33	151.27	95.00	9071.66	-345.79	345.79	S	660.05	E	745.14	117.65	0.33	-0.33	-0.08
90	9207.00	2.98	154.59	96.00	9167.52	-350.49	350.49	S	662.46	E	749.46	117.88	0.41	-0.36	3.46
91	9302.00	3.31	168.95	95.00	9262.37	-355.41	355.41	S	664.04	E	753.18	118.16	0.90	0.35	15.12
92	9398.00	3.65	169.00	96.00	9358.20	-361.13	361.13	S	665.16	E	756.87	118.50	0.35	0.35	0.05
93	9494.00	3.32	174.43	96.00	9454.02	-366.90	366.90	S	666.01	E	760.39	118.85	0.49	-0.34	5.66
94	9589.00	2.79	178.24	95.00	9548.88	-371.95	371.95	S	666.35	E	763.13	119.17	0.60	-0.56	4.01
95	9685.00	2.31	206.20	96.00	9644.79	-376.02	376.02	S	665.57	E	764.44	119.46	1.37	-0.50	29.13
96	9780.00	0.83	245.10	95.00	9739.76	-378.03	378.03	S	664.10	E	764.15	119.65	1.84	-1.56	40.95
97	9876.00	0.83	219.72	96.00	9835.75	-378.86	378.86	S	663.02	E	763.63	119.74	0.38	0.00	-26.44
98	9971.00	1.44	206.21	95.00	9930.73	-380.46	380.46	S	662.06	E	763.59	119.88	0.70	0.64	-14.22
99	10066.00	2.05	186.85	95.00	10025.68	-383.21	383.21	S	661.33	E	764.33	120.09	0.88	0.64	-20.38
100	10161.00	3.01	175.15	95.00	10120.59	-387.39	387.39	S	661.33	E	766.44	120.36	1.14	1.01	-12.32
101	10256.00	3.43	175.18	95.00	10215.44	-392.70	392.70	S	661.78	E	769.53	120.68	0.44	0.44	0.03
102	10351.00	2.78	169.18	95.00	10310.30	-397.80	397.80	S	662.45	E	772.72	120.98	0.76	-0.68	-6.32
103	10447.00	1.90	172.70	96.00	10406.22	-401.66	401.66	S	663.09	E	775.26	121.21	0.93	-0.92	3.67
104	10547.00	1.48	182.28	100.00	10506.18	-404.60	404.60	S	663.25	E	776.92	121.38	0.50	-0.42	9.58
105	10658.00	3.65	239.39	111.00	10617.07	-407.83	407.83	S	660.15	E	775.97	121.71	2.80	1.95	51.45
106	10744.00	3.72	265.23	86.00	10702.90	-409.46	409.46	S	655.02	E	772.47	122.01	1.92	0.08	30.05
107	10862.00	3.11	293.73	118.00	10820.70	-408.49	408.49	S	648.27	E	766.24	122.22	1.51	-0.52	24.15
108	10956.00	1.85	330.68	94.00	10914.62	-406.14	406.14	S	645.19	E	762.38	122.19	2.10	-1.34	39.31
109	11051.00	1.71	346.79	95.00	11009.57	-403.42	403.42	S	644.12	E	760.03	122.06	0.54	-0.15	16.96

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Company:	EP Energy	**Job Number:**		**Calculation Method**	Minimum Curvature
Well:	Lake Fork Ranch 4-13B4	**Mag Decl.:**		**Proposed Azimuth**	0.00
Location:	Duchesne, UT	**Dir Driller:**		**Depth Reference**	KB
Rig:	Patterson 307	**MWD Eng:**		**Tie Into:**	Gyro/MWD

Survey Number	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Direction Azimuth	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
110	11146.00	1.33	357.37	95.00	11104.54	-400.94	400.94	S	643.75	E	758.39	121.92	0.50	-0.40	11.14
111	11242.00	0.91	3.69	96.00	11200.52	-399.07	399.07	S	643.74	E	757.40	121.80	0.46	-0.44	-368.42
112	11337.00	0.58	13.18	95.00	11295.51	-397.84	397.84	S	643.90	E	756.89	121.71	0.37	-0.35	9.99
113	11432.00	0.35	51.95	95.00	11390.51	-397.20	397.20	S	644.24	E	756.84	121.66	0.40	-0.24	40.81
114	11526.00	0.31	101.49	94.00	11484.51	-397.07	397.07	S	644.71	E	757.18	121.63	0.30	-0.04	52.70
115	11620.00	0.35	98.21	94.00	11578.50	-397.16	397.16	S	645.25	E	757.68	121.61	0.05	0.04	-3.49
116	11716.00	0.55	118.90	96.00	11674.50	-397.43	397.43	S	645.94	E	758.41	121.60	0.27	0.21	21.55
117	11811.00	0.63	146.03	95.00	11769.50	-398.08	398.08	S	646.63	E	759.34	121.62	0.30	0.08	28.56
118	11908.00	0.99	149.30	97.00	11866.49	-399.24	399.24	S	647.36	E	760.57	121.66	0.37	0.37	3.37
119	12005.00	1.20	151.62	97.00	11963.47	-400.86	400.86	S	648.27	E	762.19	121.73	0.22	0.22	2.39
120	12100.00	1.13	146.56	95.00	12058.45	-402.51	402.51	S	649.26	E	763.91	121.80	0.13	-0.07	-5.33
121	12165.00	1.11	149.30	65.00	12123.44	-403.59	403.59	S	649.93	E	765.05	121.84	0.09	-0.03	4.22
122	12194.00	1.24	153.73	29.00	12152.43	-404.11	404.11	S	650.22	E	765.56	121.86	0.55	0.45	15.28
123	12289.00	1.48	166.68	95.00	12247.40	-406.23	406.23	S	650.95	E	767.31	121.97	0.41	0.25	13.63
124	12384.00	1.38	162.13	95.00	12342.37	-408.51	408.51	S	651.59	E	769.06	122.09	0.16	-0.11	-4.79
125	12479.00	1.44	159.24	95.00	12437.35	-410.72	410.72	S	652.36	E	770.88	122.19	0.10	0.06	-3.04
126	12574.00	1.35	158.85	95.00	12532.32	-412.88	412.88	S	653.19	E	772.74	122.30	0.10	-0.09	-0.41
127	12669.00	1.38	155.99	95.00	12627.29	-414.97	414.97	S	654.06	E	774.59	122.39	0.08	0.03	-3.01
128	12763.00	1.49	156.49	94.00	12721.26	-417.12	417.12	S	655.00	E	776.54	122.49	0.12	0.12	0.53
129	12858.00	1.46	167.90	95.00	12816.23	-419.44	419.44	S	655.75	E	778.42	122.60	0.31	-0.03	12.01
130	12953.00	1.49	170.54	95.00	12911.20	-421.84	421.84	S	656.21	E	780.10	122.73	0.08	0.03	2.78
131	13047.00	1.43	171.05	94.00	13005.17	-424.20	424.20	S	656.59	E	781.70	122.87	0.07	-0.06	0.54
132	13142.00	1.60	174.68	95.00	13100.13	-426.69	426.69	S	656.90	E	783.32	123.01	0.21	0.18	3.82
133	13237.00	1.65	176.49	95.00	13195.10	-429.38	429.38	S	657.11	E	784.95	123.16	0.08	0.05	1.91
134	13373.00	1.65	176.49	136.00	13331.04	-433.29	433.29	S	657.35	E	787.30	123.39	0.00	0.00	0.00

RECEIVED: Sep. 28, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: Ute 1420H621743

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Lake Fork Ranch 4-13B4

2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.

9. API NUMBER: 43013527190000

3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002 **PHONE NUMBER:** 713 997-5038 Ext

9. FIELD and POOL or WILDCAT: ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2569 FNL 2526 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 13 Township: 02.0S Range: 04.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 5/15/2015	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: See Below

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

downsize & deepen (corod). See attached for details.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 18, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Maria S. Gomez	713 997-5038	Principal Regulatory Analyst
SIGNATURE N/A		**DATE** 6/16/2015

RECEIVED: Jun. 16, 2015

CENTRAL DIVISION

ALTAMONT FIELD
LAKE FORK RANCH 4-13B4
LAKE FORK RANCH 4-13B4
WORKOVER LAND

Operation Summary Report

RECEIVED: Jun. 16, 2015

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAKE FORK RANCH 4-13B4		
Project	ALTAMONT FIELD	**Site**	LAKE FORK RANCH 4-13B4
Rig Name/No.	NABORS DRILLING/0561	**Event**	WORKOVER LAND
Start date	5/11/2015	**End date**	5/16/2015
Spud Date/Time	7/3/2014	**UWI**	LAKE FORK RANCH 4-13B4
Active datum	KB @6,082.7ft (above Mean Sea Level)		
Afe No./Description	164750/53894 / LAKE FORK RANCH 4-13B4		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
5/12/2015	7:00	9:00	2.00	MIRU	01		P		MOVE RIG TO LOCATION, HOLD SAFETY MEETING (TOPIC) MOVING & SPOTTING IN EQUIPMENT MIRU COROD RIG & SPOOL
	9:00	10:00	1.00	PRDHEQ	18		P		BLEED OFF TBG, ON THE 3rd ATTEMPT SCREWED INTO & UNSEATED STANDING VALVE, L/D POLISH ROD & PONY SUBS
	10:00	10:30	0.50	PRDHEQ	18		P		R/U HOTOILER, FLUSH COROD W/ 60 BBLS 2% KCL
	10:30	12:30	2.00	PRDHEQ	39		P		POOH W/ 1018' # 8, 1336' # 7, 1253' # 6, 3619' # 5, 1100' # 7 COROD, L/D 2 1/4" PLUNGER & STANDING VALVE,
	12:30	13:00	0.50	RDMO	02		P		RDMO COROD RIG.
	13:00	14:00	1.00	MIRU	01		P		MIRU NABORS RIG # 1446, X-O TO TBG EQUIPMENT
	14:00	15:30	1.50	PRDHEQ	16		P		N/D B-FLANGE, N/U 10K X 5K SPOOL & 5K BOPS, R/U WORK FLOOR & TONGS,
	15:30	17:00	1.50	PRDHEQ	39		P		POOH W/ 56 JTS 2 7/8", TBG WAS ROD CUT THE WIDTH OF COROD AROUND 1/16" DEEP, RIH W/ 56 JTS 2 7/8", SECURE WELL, SDFD,
5/13/2015	6:00	7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) BOPS
	7:00	13:00	6.00	PRDHEQ	39		P		CSIP 50 PSI, BLEED OFF GAS, POOH LAY DOWN ROD CUT TBG W/ 251 JTS 2 7/8", 7" TAC, 4 JTS 2 7/8", 4' x 2 7/8" SUB, 2 7/8" PSN, 2' X 2 7/8" SUB, 5 1/2" PBGA, 2 JTS 2 7/8" & 5 3/4" NO/GO, FLUSH TBG AS NEEDED POOH
	13:00	15:30	2.50	SL	32		P		R/U DELSCO, RIH W/ 1-1/2" SINKER BAR TAGGED @ 13346' (SLM), BTM PERFS @ 13,252', PBTD @ 13,325', POOH, R/D DELSCO
	15:30	18:00	2.50	PRDHEQ	24		P		P/U & RIH W/ NEW BHA, 2 3/8" BULL PLUG, 2 JTS 2 3/8", 2 3/8" # 5 DESANDER, 4' X 2 3/8" SUB, 2 3/8" SEAT NIPPLE, P/U 4 NEW JTS 2 3/8", 5" WTRD TAC, P/U 31 NEW JTS 2 3/8", 2 3/8" X 2 7/8" X-O, P/U 106 NEW JTS 2 7/8", EOT @ 4,655', SECURE WELL, SDFD.
5/14/2015	6:00	7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) LADDERS, STAIRWAYS & PLATFORMS
	7:00	12:30	5.50	PRDHEQ	24		P		CSIP 50 PSI, BLEED OFF GAS, CONTINUE PICKING UP NEW TBG W/ 206 JTS 2 7/8", TRY SET TAC @ 11,193', AFTER TWO TURNS IT TORQUED UP WON'T TURN, TRY WORK TORQUE DOWN TO TAC, IT WOULD NOT SET.

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity	Sub	OP Code	MD from (ft)	Operation
	12:30	16:30	4.00	PRDHEQ	16		P		POOH W/ 312 JTS 2 7/8", X-O TO 2 3/8", 31 JTS 2 3/8", L/D 5" TAC, P/U 5" ARROW SET PKR W/ NO ELEMENTS ON IT, RIH W/ PKR & 31 JTS 2 3/8", X-O TO 2 7/8", RUN 112 JTS 2 7/8" TBG, EOT @ 4,851', SECURE WELL, SDFD
5/15/2015	6:00	7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA (TOPIC) FIRE PREVENTION
	7:00	10:30	3.50	PRDHEQ	39		P		CSIP 50 PSI, BLEED OFF GAS, CONTINUE RIH W/ 200 JTS 2 7/8", SET 5" PKR @ 11,195' IN 22K TENSION, R/D TONG & WORK FLOOR
	10:30	12:00	1.50	PRDHEQ	16		P		N/D 5K BOPS & 5K X 10K SPOOL, N/U 10 K B-FLANGE W/ 60' 3/8" CAP STRING, SECURE WELL
	12:00	13:00	1.00	RDMO	02		P		R/D NABORS RIG, CLEAN LOCATION, MOVE OFF
	13:00	15:00	2.00	PRDHEQ	18		P		WAIT FOR COROD RIG TO FINISH THE 5-17C4
	15:00	16:30	1.50	MIRU	01		P		ROAD RIG FROM 5-17C4 TO 4-13B4, MIRU COROD RIG
	16:30	18:30	2.00	PRDHEQ	18		P		RIH W/ 1,100' # 7 & 1,119' # 5, CUT COROD, POOH CUTTING UP & LAYING DOWN COROD, SECURE WELL, SDFD.
5/16/2015	6:00	7:00	1.00	PRDHEQ	28		P		CREW TRAVEL HSM WRITE & REVIEW JSA ON PICKING UP PUMP & POLISH ROD
	7:00	13:45	6.75	INARTLT	39		P		RIH W/ 2" X 1 1/2" X 38' 60 RING PA PUMP, 1369' # 6, WELD ON # 4, RUN 3619' NEW # 4, WELD ON # 5, RUN 2500' # 5, 1253' # 6, 1336' # 7, 1018' # 8, SPACE OUT COROD W/ 2-2', 6', 8' PONY SUBS, P/U POLISH ROD SEAT PUMP @ 11,323'
	13:45	14:15	0.50	INARTLT	18		P		FILL TBG W/ 15 BBLS 2% KCL, STROKE TEST PUMP TO 1000 PSI, GOOD TEST, FLUSH FLOW LINE W/ 15 BBLS
	14:15	16:00	1.75	RDMO	02		P		RIG DOWN COROD RIG, SLIDE ROTA FLEX AHEAD, HANG OFF RODS, RWTP, TWOTO, MOVE TO 4-20C4.

Table of Contents

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
Ute 1420H621743

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Ute

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
Lake Fork Ranch 4-13B4

2. NAME OF OPERATOR:
EP ENERGY E&P COMPANY, L.P.

9. API NUMBER:
43013527190000

3. ADDRESS OF OPERATOR:
1001 Louisiana , Houston, TX, 77002

PHONE NUMBER:
713 997-5138 Ext

9. FIELD and POOL or WILDCAT:
ALTAMONT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2569 FNL 2526 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 13 Township: 02.0S Range: 04.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/13/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please see attached recompletion procedure along with current and post WBD's.

Accepted by the Utah Division of Oil, Gas and Mining

Date: June 28, 2016

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Linda Renken	713 997-5138	Sr. Regulatory Analyst
SIGNATURE		**DATE**
N/A		6/24/2016

RECEIVED: Jun. 24, 2016

Lake Fork Ranch 4-13B4 Recom Summary Procedure

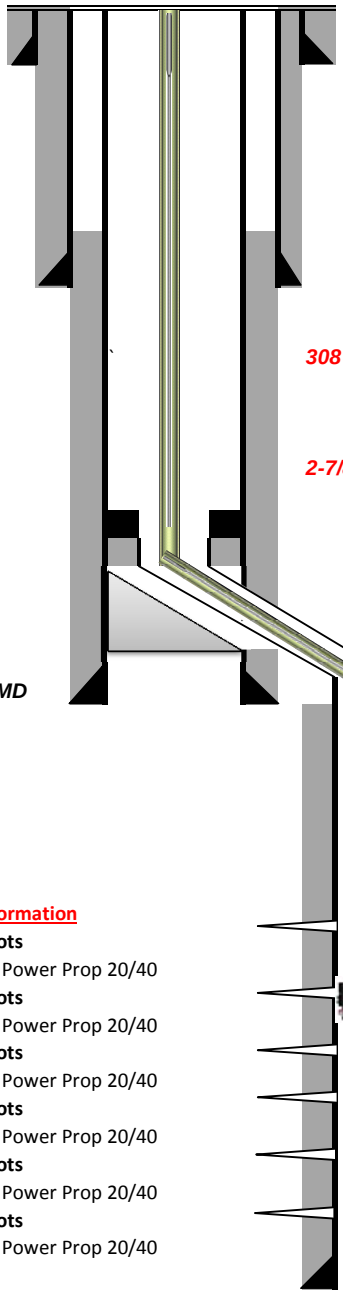
- POOH with rods, pump & tubing. Inspect/Repair/Re-furbish as needed. Replace any bad tubing and joints of rods.
- Set 15k CBP for 5" 18# casing @ 11,670'.
- Stage 1:
  - Perforate new Wasatch interval from **11,305' – 11,603'.**
  - Acid Frac Perforations with **27,000** gals 15% HCl acid (Stage 1 Recom).
- Stage 2:
  - RIH with 5" CBP & set @ 11,283'.
  - Perforate new Wasatch interval from **10,985' – 11,268'.**
  - Acid Frac Perforations **26,000** gals 15% HCl acid (Stage 2 Recom).
- Stage 3:
  - RIH w/ 5" CBP & set @ 10,858'.
  - Perforate new Upper Wasatch interval from **10,570 – 10,843**'.
  - Acid Frac perforations with **25,000** gals 15% HCl acid (Stage 3 Recom).
- Stage 4:
  - RIH w/ 7" CBP & set @ 10,005'.
  - Perforate new LGR interval from **9,738' – 9,990'.**
  - Prop Frac Perforations with **130,000** lbs 30/50 prop (w/ **6,000** lbs 100 mesh & **8,000** gals 15% HCl acid (Stage 4 Recom).
- Stage 5:
  - RIH w/ 7" CBP & set @ 9,718'.
  - Perforate new LGR interval from **9,530' – 9,703'**.
  - Acid Frac perforations with **16,000** gals 15% HCl acid (Stage 5 Recom).
- Clean out well drilling up (2) 7" CBPs and (2) 5" CBP leaving 5" 15k CBP w/15' CMT @ 11,670'. (PBTD @ 11,655') Top perf BELOW plugs @ 11,691'.
- RIH w/ production tubing and rods.
- Clean location and resume production.

RECEIVED: Jun. 24, 2016

EP ENERGY

Production Wellbore Schematic

Well Name:	Lake Fork Ranch 4-13B4	Last Updated:	6/21/2016
Company Name:	EP Energy	By:	Krug
Field, County, State:	Altamont, Duchesne, Utah	TD:	13,325
Surface Location:	Lat: 40°18'27.917" N Long: 110°17'05.777" W	API:	43013527190000
Producing Zone(s):	Wasatch	AFE:	164750



ROD DETAIL
1-1/2" x 40' Polished Rod
1192' 18/16" CoRod SE
1336' 17/16" CoRod SE
1253' 16/16" CoRod SE
2500' 15/16" CoRod SE
3650' 14/16" CoRod SE
1369' 16/16" CoRod SE
2" x 1-1/2" x 38' Insert Pump

13-3/8" 54.5# J-55 STC @ 635 ft. MD

7" TOC: 3018 ft MD

9-5/8" 40# N-80 LTC @ 5456 ft. MD

308 jts 2-7/8" 6.5 ppf L-80

7" Marker Joint at: 8662 ft MD

2-7/8" x 2 3/8" Crossover @ 10,200

Top of Liner at: 10261 ft MD

Liner TOC at: 10261 ft MD

Whipstock @ 10,491' - 10,501' MD

31 jts 2-3/8" 4.7 ppf L-80

7" 29# HCP-110 LTC @ 10606 ft. MD
Drift ID = 6.059"

Initial Completion Perf Information

Stage #6	11691 - 11934	23' /69 shots
	5000 gal HCL & 150000 lbs Power Prop 20/40	
Stage #5	11963 - 12174	21' /63 shots
	5000 gal HCL & 130000 lbs Power Prop 20/40	
Stage #4	12204 - 12441	22' /66 shots
	5000 gal HCL & 130030 lbs Power Prop 20/40	
Stage #3	12481 - 12683	20' /60 shots
	5000 gal HCL & 130010 lbs Power Prop 20/40	
Stage #2	12713 - 12980	23' /69 shots
	5000 gal HCL & 133100 lbs Power Prop 20/40	
Stage #1	13010 - 13252	22' /66 shots
	5000 gal HCL & 130000 lbs Power Prop 20/40	

5" Arrow Set Pkr @ 11,189'
(elements removed)
4 jts 2-3/8" 4.7# L-80 tubing
Seating Nipple @ 11,323'
4' x 2 3/8" Tubing Sub
31' X 2-3/8" #5 Desander
2 jt 2-3/8" 4.7# L-80
EOT @ 11,424'

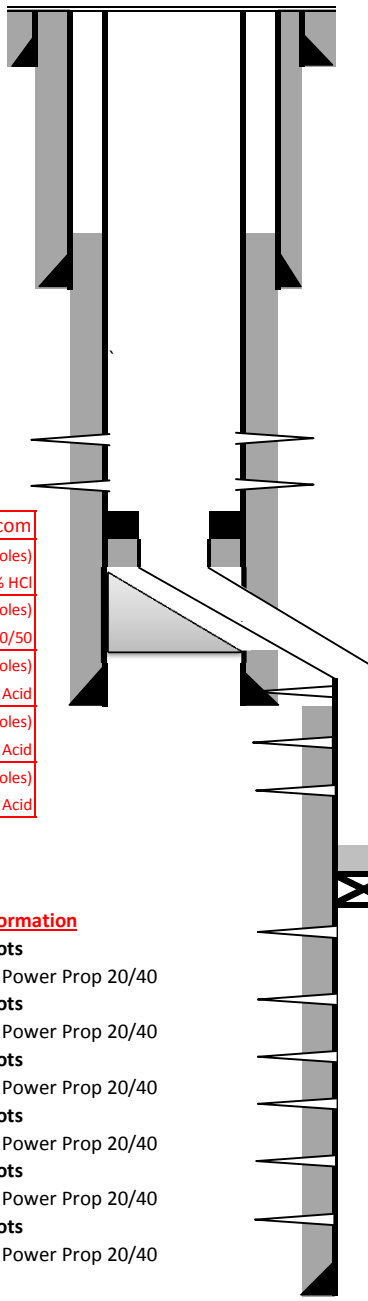
5" 18# HCP-110 STL @ 10261 - 13369 ft. MD
Drift ID = 4.151"

RECEIVED: Jun. 24, 2016

EP ENERGY

Proposed Recom Wellbore Schematic

Well Name:	**Lake Fork Ranch 4-13B4**	**Last Updated:**	***6/21/2016***
Company Name:	***EP Energy***	**By:**	***Krug***
Field, County, State:	***Altamont, Duchesne, Utah***	**TD:**	***13,325***
Surface Location:	***Lat: 40°18'27.917" N Long: 110°17'05.777" W***	**API:**	***43013527190000***
Producing Zone(s):	***Wasatch***	**AFE:**	***164750***



13-3/8" 54.5# J-55 STC @ 635 ft. MD

7" TOC: 3018 ft MD

9-5/8" 40# N-80 LTC @ 5456 ft. MD

7" Marker Joint at: 8662 ft MD

Top of Liner at: 10261 ft MD
Whipstock @ 10,491' - 10,501' MD

Liner TOC at: 10261 ft MD

7" 29# HCP-110 LTC @ 10606 ft. MD
Drift ID = 6.059"

July 2016 Recom
STG 5: 9,530' - 9,703' (23'/69 holes) 16,000 gals 15% HCl
STG 4: 9,738' - 9,990' (23'/69 holes) 8,000 gals HCl Acid+6,000# 100M+130,000# 30/50
STG 3: 10,570' - 10,843' (23'/69 holes) 25,000 gals HCl Acid
STG 2: 10,985' - 11,268' (23'/69 holes) 26,000 gals HCl Acid
STG 1: 11,305' - 11,603' (23'/69 holes) 27,000 gals HCl Acid

CBP @ 11,670' w/ 15' CMT

Initial Completion Perf Information

Stage #6 **11691 - 11934 23' /69 shots**
5000 gal HCL & 150000 lbs Power Prop 20/40

Stage #5 **11963 - 12174 21' /63 shots**
5000 gal HCL & 130000 lbs Power Prop 20/40

Stage #4 **12204 - 12441 22' /66 shots**
5000 gal HCL & 130030 lbs Power Prop 20/40

Stage #3 **12481 - 12683 20' /60 shots**
5000 gal HCL & 130010 lbs Power Prop 20/40

Stage #2 **12713 - 12980 23' /69 shots**
5000 gal HCL & 133100 lbs Power Prop 20/40

Stage #1 **13010 - 13252 22' /66 shots**
5000 gal HCL & 130000 lbs Power Prop 20/40

5" 18# HCP-110 STL @ 10261 - 13369 ft. MD
Drift ID = 4.151"

RECEIVED: Jun. 24, 2016

Sundry Number: 75299 API Well Number: 43013527190000

Reset Form

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECOMPLETION

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H621743

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: UTU58769

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☑ OTHER

8. WELL NAME and NUMBER: Lake Fork Ranch 4-13B4

2. NAME OF OPERATOR: EP Energy E&P Company, L. P.

9. API NUMBER: 4301352719

3. ADDRESS OF OPERATOR: P.O. Box 4660 CITY Houston STATE TX ZIP 77210-4660

PHONE NUMBER: (713) 997-5138

10 FIELD AND POOL, OR WILDCAT: Altamont

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2569' FNL & 3183' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 2966' FNL & 3172' FWL
AT TOTAL DEPTH: 3002' FNL & 3183' FWL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 13 2S 4W U.S.B.& M.

12. COUNTY: Duchesne

13. STATE: UTAH

14. DATE SPUDDED: 6/19/2014

15. DATE T.D. REACHED: 8/1/2014

16. DATE COMPLETED: 8/24/2016 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 6059

18. TOTAL DEPTH: MD 13,373 TVD 13,331

19. PLUG BACK T.D.: MD TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Previously Submitted

23.
WAS WELL CORED? NO ☐ YES ☐ (Submit analysis)
WAS DST RUN? NO ☐ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
Previously							920	0	
Submitted							2889	0	
8.75							1105		
6.125							345.45		

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	10,213	9,501						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	10,568	13,373	10,527	13,331
(B) LGR	8,923	10,568	8,884	10,527
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(see page 3 for #27 information)			Open ☐ Squeezed ☐
	.37	69	Open ☐ Squeezed ☐
	.37	60	Open ☐ Squeezed ☐
	.37	66	Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11660'	CBP with 15' cmt on top (TOC ~11645')
12713-12980	
12481-12683	5000 ga; 15% HCL acid, 3000# 100 mesh, 130010# 20/40 PowerProp

29. ENCLOSED ATTACHMENTS:
Please see Page 3 for #29 Perf Treatment Information

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS:
Producing

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Oct. 12, 2016

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
8/23/2016		8/25/2016		24			462	208	308	Rod Pump
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
0	600	800	34.00	1,272	0		462	208	308	Producing

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
UGR	5,162
MGR	7,576
LGR	8,923
Wasatch	10,568

35. ADDITIONAL REMARKS (Include plugging procedure)

Drilled out all CBP's except the one @ 11660' Sept 16-23.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Maria S Gomez TITLE Consultant

SIGNATURE Maria S Gomez 2016.10.12 14:14:31 -05'00' DATE 10/12/2016

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

RECEIVED: Oct. 12, 2016

Attachment to Well Completion Report

Form 8 Dated: October 12, 2016

Well Name: Lake Fork Ranch 4-13B4

Items #27 and #28 Continued

27. Perforation Record

Interval (Top/Bottom–MD)	Hole Size	No. of Holes	Perf. Status
9522'-9694'	.38	66	Open
9734'-9984'	.38	63	Open
10635'-10838'	.38	69	Open
10987'-11261'	.38	69	Open
11340'-11598'	.38	63	Open

28. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9522'-9694'	17000 Gals 15% HCL Acid
9734'-9984'	8000 Gals 15% HCL Acid, 6030# 100 Mesh, 125000# 30/50 White Sand
10635'-10838'	20000 Gals 15% HCL Acid
10987'-11261'	26000 Gals 15% HCL Acid
11340'-11598'	27000 Gals 15% HCL Acid

RECEIVED: Oct. 12, 2016

CENTRAL DIVISION

ALTAMONT FIELD
LAKE FORK RANCH 4-13B4
LAKE FORK RANCH 4-13B4
RECOMPLETE LAND

Operation Summary Report

RECEIVED: Oct. 12, 2016

1 General

1.1 Customer Information

Company	CENTRAL DIVISION
Representative	
Address	

1.2 Well Information

Well	LAKE FORK RANCH 4-13B4		
Project	ALTAMONT FIELD	**Site**	LAKE FORK RANCH 4-13B4
Rig Name/No.		**Event**	RECOMPLETE LAND
Start date	7/27/2016	**End date**	9/24/2016
Spud Date/Time	7/3/2014	**UWI**	LAKE FORK RANCH 4-13B4
Active datum	KB @6,082.7usft (above Mean Sea Level)		
Afe No./Description	166959/57007 / LAKE FORK RANCH 4-13B4		

2 Summary

2.1 Operation Summary

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
7/29/2016	6:00	7:00	1.00	WOR	28		P		CT HOLD SAFETY MTG ON ROADING RIG & EQUIP TO LOC, WRITE & REVIEW JSA'S
	7:00	8:00	1.00	MIRU	01		P		ROAD COROD RIG TO LOC, SLIDE P.U. BACK SPOT IN & RU RIG
	8:00	13:00	5.00	PRDHEQ	03		P		LD POLISH ROD, ATTEMPT TO UNSEAT PMP FAILED, J-OFF ON-OFF TOOL, POOH W/ 1118' #8, 1336' #7, 1253' # 6, 2500' #5, 3650' #4, 1369' #6 COROD & ON-OFF TOOL, RD COROD RIG & MOVE OFF LOC
	13:00	14:00	1.00	MIRU	01		P		MIRU PEAK 1500
	14:00	16:00	2.00	PRDHEQ	21		P		MIRU W.L. RIH & PERF 2-3/8" TBG @ 11255', VERY WAXY GETTING W.L. IN HOLE
	16:00	19:00	3.00	PRDHEQ	16		P		NDWH, BREAK OUT & LD 10K B-FLANGE, MU 6' 2-7/8" PERF SUB, TBG HANGER W/ 2 WAY CHECK, TAC NOT SET, LAND TBG ON HANGER, NU 10K SPOOL, 10K X 5K SPOOL & BOP, TEST FLANGE CONNECTIONS, PIPE RAMS & BLIND RAMS, GOOD TEST, SECURE WELL, WELL BORE HOLDING FLUID BARRIER 1, PIPE RAMS SHUT & LOCKED BARRIER 2, CSG VALVES SHUT & NIGHT CAPPED BARRIER 1 & 2, CLOSE & NIGHT CAP TIW VALVE BARRIER 1 & 2, SDFN
7/30/2016	6:00	7:00	1.00	WOR	28		P		CT HOLD SAFETY MTG ON SCANNING TBG OUT OF HOLE, WRITE & REVIEW JSA'S
	7:00	14:00	7.00	PRDHEQ	39		P		0 PSI ON WELL, RU TBG SCANNERS, SCAN OUT OF HOLE W/ 311 JTS 2-7/8" EUE L-80 TBG, 278 JTS Y.B. & 33 JTS BLUE BAND, 37 JTS 2-3/8" EUE N-80 TBG, 21 JTS Y.B., 14 JTS B.B. & 2 JTS R.B., LD PROD BHA, RDMP TBG SCANNERS
	14:00	19:00	5.00	WLWORK	26		P		RU W.L. LUBE TEST BOP & LUBE TO 4800 PSI GOOD TEST, RUN 6" GR/JD TO 5" LT @ 10261', RUN 4-1/8" GR/JB TO 11670', RIH SET 5" MAGNUM 15K PLUG @ 11660' (CSG COLLAR @ 11652') DUMP BAIL 15' CMT ON TOP OF PLUG, RD W.L. SECURE WELL, 5" CBP BARRIER 1, BLIND RAMS SHUT & LOCKED BARRIER 2, CLOSE & NIGHT CAP CSG VALVES BARRIER 1 & 2, SDFW
7/31/2016	6:00	6:00	24.00	WOR	18		P		NO ACTIVITY SDFW
8/1/2016	6:00	6:00	24.00	WOR	28		P		NO ACTIVITY SDFW
8/2/2016	7:00	8:00	1.00	WOR	28		P		CT HOLD SAFETY MTG ON RIH W/ TBG WRITE & REVIEW JSA'S

RECEIVED: Oct. 12, 2016

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	8:00 11:00	3.00	PRDHEQ	39		P		0 PSI ON WELL, MU & RIH W/ 2-3/8" BULL PLUG, 4' X 2-3/8" PERF SUB, 2-3/8" P.S.N., 20 JTS 2-3/8" EUE L-80, 2-7/8" X 2-3/8" EUE X OVER & 278 JTS 2-7/8" EUE L-80 TBG, MU TBG HANGER W/ B.P.V. & LAND TBG ON HANGER, EOT @ 9706'
	11:00 14:30	3.50	PRDHEQ	16		P		RD WORK FLOOR, NDBOP, NU 10K MASTER VALVE, PULL BACK PRESSURE VALVE OUT, INSTALL 2 WAY CHECK, PRESSURE TEST MASTER VALVE CONNECTION TO 8500 PSI, PULL OUT 2 WAY CHECK, TEST CSG TO 8000 PSI FOR 30 MIN GOOD TEST, NU 10K NIGHT CAP
	14:30 17:00	2.50	RDMO	02		P		SECURE WELL, 5" PLUG BARRIER 1, 10K MASTER VALVE BARRIER 2, SHUT & NIGHT CAP CSG VALVES BARRIER 1 & 2, RIG DWN RIG, ROAD RIG TO 2-28C4 SPOT IN & RU, SDFN
8/17/2016	6:00 7:00	1.00	WOR	28		P		CT HOLD SAFETY MTG ON NU & TESTING BOP WRITE & REVIEW JSA'S
	7:00 8:30	1.50	WOR	16		P		0 PSI ON WELL, NDWH, NU & TEST BOP, RU WORK FLOOR & TBG TONGS
	8:30 11:30	3.00	PRDHEQ	39		P		POOH LD TBG HANGER, TOOH & STAND BACK IN DERRICK W/ 278 JTS 2-7/8" TBG, 2-7/8" X 2-3/8" EUE XOVER. 20 JTS 2-3/8" TBG, 2-3/8" P.S.N., 4' X 2-3/8" PERF SUB & 2-3/8" BULL PLUG
	11:30 14:00	2.50	PRDHEQ	16		P		NDBOP, NU FRAC STACK TEST STACK TO 9500 PSI GOOD TEST, RUN FLOW BACK LINES & TEST TO 8000 PSI GOOD TEST SECURE WELL, BARRIER 1 5" PLUG, BARRIER 2 CLOSE FRAC VALVE, HCR VALVES SHUT & LOCKED, CLOSE & NIGHT CAP CSG VALVES SDFN
8/18/2016	6:00 7:00	1.00	WOR	28		P		CT HOLD SAFETY MTG ON WORKING W/ WIRE LINE WRITE & REVIEW JSA'S
	7:00 10:00	3.00	WLWORK	18		P		MIRU THE PERFORATORS W.L. & TEST LUBE & EQUIP
	10:00 14:00	4.00	WLWORK	21		P		RIH W/ 2-3/4" PERF GUNS PERF STG 1 PERFS FROM 11598' TO 11304', USING TAG RTG GUNS 16 GRAM CHARGES, 3 SPF @ 120 DEG PHASING, ALL PERFS CORRELATED TO CUTTERS CBL LOG DATED 8/18/14, STARTING PRESSURE 1000 PSI, ENDING PRESSURE 0 PSI WELL ON VACUME, POOH SECURE WELL, CLOSE FRAC VALVE BARRIER 1, CLOSE HCR VALVES & LOCK BARRIER 2, CLOSE & NIGHT CAP CSG VALVES SDFN
8/19/2016	6:00 7:00	1.00	STG01	28		P		CT HOLD SAFETY MTG ON ACIDIZING & W.L. OPERATIONS, WRITE & REVIEW JSA'S
	7:00 8:00	1.00	STG01	35		P		PRESSURE TEST PUMP LINES TO 9272 PSI. OPEN WELL. SICP 0 PSI. FILL CSG W/ 232 BBLS WTR, BREAK DOWN STAGE 1 PERFORATIONS @ 4553 PSI, PUMPED TOTAL OF 306 BBLS, PERFORM STEP RATE SHUT DWN, ISIP 3406 PSI,F.G. .73, 0 PSI IN 4 MIN, TREAT STG 1 PERFS W/ 27,000 GALLONS 15% HCL ACID DROPPING 84 BIO BALLS THRU OUT ACID, FLUSH 10 BBLS PAST BTM PERF ISIP 3384 PSI. FG .83. 5 MIN 3073 PSI. 10 MIN 1957 PSI. AVG RATE 50.3 BPM. MAX RATE 54.6 BPM. AVG PSI 6308 PSI. MAX PSI 6564 PSI. 1365 BBLS WATER TO RECOVER SHUT IN BTM HCR VALVE & TURN WELL OVER TO W.L.
	8:00 10:00	2.00	STG02	21		P		TEST LUBERICATOR TO 4000 PSI, RIH & SET 5" CBP @ 11276'. PERFORATE STAGE 2 PERFORATIONS FROM 11261' TO 10987', USING 2-3/4" TAG-RTG GUNS, 16 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. ALL PERFS CORRELATED TO THE CUTTERS W.L. CBL/GR/CCL RUN 1 LOG DATED 8/18/14, STARTING PRESSURE 0 PSI, ENDING 0 PSI, POOH W/ W.L., SHUT WELL IN W/ BTM HCR VALVE & TURN OVER TO FRAC CREW.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	10:00 11:15	1.25	STG02	35		P		PRESSURE TEST PUMP LINES TO 9350 PSI. OPEN WELL. SICP 0 PSI. FILL CSG W/ 158 BBLS WTR, BREAK DOWN STAGE 2 PERFORATIONS @ 4020 PSI, PUMPED TOTAL OF 256 BBLS, PERFORM STEP RATE SHUT DWN, ISIP 3368 PSI, F.G. .74, 0 PSI IN 3 MIN, TREAT STG 2 PERFS W/ 26,000 GALLONS 15% HCL ACID DROPPING 84 BIO BALLS THRU OUT ACID, FLUSH 10 BBLS PAST BTM PERF ISIP 4135 PSI. FG .80. 5 MIN 2018 PSI. 10 MIN 736 PSI. AVG RATE 45.9 BPM. MAX RATE 50.3 BPM. AVG PSI 5138 PSI. MAX PSI 5710 PSI. 1284 BBLS WATER TO RECOVER SHUT IN BTM HCR VALVE & TURN WELL OVER TO W.L.
	11:15 12:45	1.50	STG03	21		P		TEST LUBERICATOR TO 4000 PSI, RIH & SET 5" CBP @ 10864'. PERFORATE STAGE 3 PERFORATIONS FROM 10838' TO 10635' USING 2-3/4" TAG-RTG GUNS, 16 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. ALL PERFS CORRELATED TO THE CUTTERS W.L. CBL/GR/CCL RUN 1 LOG DATED 8/18/14, STARTING PRESSURE 0 PSI, ENDING 0 PSI, POOH W/ W.L., SHUT WELL IN W/ BTM HCR VALVE & TURN OVER TO FRAC CREW.
	12:45 14:00	1.25	STG03	35		P		PRESSURE TEST PUMP LINES TO 9160 PSI. OPEN WELL. SICP 0 PSI. FILL CSG W/ 116 BBLS WTR, BREAK DOWN STAGE 3 PERFORATIONS @ 4005 PSI, PUMPED TOTAL OF 202 BBLS, PERFORM STEP RATE SHUT DWN, ISIP 2935 PSI, F.G. .71, 5 MIN 646 PSI, 10 MIN 219 PSI 0 PSI IN 7 MIN, TREAT STG 3 PERFS W/ 20,000 GALLONS 15% HCL ACID DROPPING 84 BIO BALLS THRU OUT ACID, FLUSH 10 BBLS PAST BTM PERF ISIP 2935 PSI. FG .80. 5 MIN 2443 PSI. 10 MIN 979 PSI. AVG RATE 49.5 BPM. MAX RATE 49.9 BPM. AVG PSI 4467 PSI. MAX PSI 7477 PSI. 1017 BBLS WATER TO RECOVER SHUT IN BTM HCR VALVE & TURN WELL OVER TO W.L.
	14:00 16:30	2.50	STG04	21		P		TEST LUBERICATOR TO 4000 PSI, RIH & SET 7" CBP @ 10005'. PERFORATE STAGE 4 PERFORATIONS FROM 9984' TO 9734', USING 3-1/8" TAG-RTG GUNS, 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. ALL PERFS CORRELATED TO THE CUTTERS W.L. CBL/GR/CCL RUN 1 LOG DATED 8/18/14, STARTING PRESSURE 0 PSI, ENDING 0 PSI, POOH W/ W.L., SECURE WELL SHUT MASTER VALVE BARRIER 1, SHUT & LOCK HCR VALVES BARRIER 2, CLOSE & NIGHT CAP CSG VALVES BARRIER 1 & 2, GREASE & RE TORQUE FRAC STACK, SDFN
8/20/2016	6:00 7:00	1.00	STG04	28		P		CT HOLD SAFETY MTG ON WORKING W/ FRAC & ACID OPERATIONS, WRITE & REVIEW JSA'S
	7:00 10:00	3.00	STG04	18		P		OFF LOAD & MIX ACID
	10:00 12:00	2.00	STG04	35		P		PRESSURE TEST PUMP LINES TO 9337 PSI. OPEN WELL. SICP 1105 PSI. BREAK DOWN STAGE 4 PERFORATIONS @ 4061 PSI, PUMPING 8.2 BPM, TREAT STG 4 PERFS W/ 8000 GALLONS 15% HCL ACID, PERFORM STEP RATE SHUT DOWN TEST. ISIP 3239 PSI. FG .76. 5 MIN 2699 PSI. 10 MIN 2404 PSI. 15 MIN 2209 PSI. TREAT STAGE 4 PERFORATIONS W/ 6030 LBS 100 MESH SAND IN 1/2 PPG STAGE & 125,000 LBS WHITE 30/50 SAND IN 1/2 PPG, 1 PPG, 1.5 PPG, 2 PPG & 3 PPG STAGES. ISIP 3992 PSI. FG .84. AVG RATE 73.3 BPM. MAX RATE 75.1 BPM. AVG PSI 5258 PSI. MAX PSI 6161 PSI. 4127 BBLS WATER TO RECOVER SHUT IN BTM HCR VALVE & TURN WELL OVER TO W.L.

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	12:00 14:15	2.25	STG05	21		P		TEST LUBERICATOR TO 4000 PSI, RIH & SET 7" CBP @ 9712'. PERFORATE STAGE 5 PERFORATIONS FROM 9694' TO 9522', USING 3-1/8" TAG-RTG GUNS, 22.7 GRAM CHARGES, 3 SPF, 120 DEGREE PHASING. ALL PERFS CORRELATED TO THE CUTTERS W.L. CBL/GR/CCL RUN 1 LOG DATED 8/18/14, STARTING PRESSURE 2700 PSI, ENDING 2400 PSI, POOH W/ W.L., SHUT WELL IN W/ BTM HCR VALVE & TURN OVER TO FRAC CREW.
	14:15 15:00	0.75	STG05	35		P		PRESSURE TEST PUMP LINES TO 9291 PSI. OPEN WELL. SICP 1884 PSI. BREAK DOWN STAGE 5 PERFORATIONS @ 5036 PSI, PUMPED TOTAL OF 67 BBLS, PERFORM STEP RATE SHUT DWN, ISIP 3339 PSI, F.G. .78, 5 MIN 3011 PSI, 10 MIN 2874 PSI,15 MIN 2782 PSI, TREAT STG 5 PERFS W/ 17,000 GALLONS 15% HCL ACID DROPPING 80 BIO BALLS THRU OUT ACID, FLUSH 10 BBLS PAST BTM PERF ISIP 3257 PSI. FG .77. 5 MIN 2895 PSI. 10 MIN 2772 PSI. AVG RATE 43.1 BPM. MAX RATE 51.1 BPM. AVG PSI 4236 PSI. MAX PSI 6986 PSI. 836 BBLS WATER TO RECOVER SHUT IN MASTER FRAC VALVE BARRIER 1, SHUT & LOCK HCR VALVES BARRIER 2, CLOSE & NIGHT CAP CSG VALVES BARRIER 1 & 2
	15:00 18:00	3.00	RDMO	02		P		RIG DWN & MOVE OUT W.L. & FRAC EQUIP
	18:00 6:00	12.00	FB	19		P		TURN WELL OVER TO FLOW BACK CREW, OPEN WELL TO FLOW BACK TANK, 2300 PSI ON 12/64 CHOKE, CURRENT PRESSURE 1950 PSI ON 12/64 CHOKE FLOWED BACK 558 BBLS WTR
8/21/2016	6:00 6:00	24.00	FB	19		P		HOLD AFETY MTG ON CHANGING CHOKES WRITE & REVIEW JSA'S, CURRENT CSG PRESSURE 1300 PSI FLOWING ON 18/64 CHOKE FLOWED 161 BBLS OIL, 1079 BBLS WTR, GAS FLARING
8/22/2016	6:00 6:00	24.00	FB	19		P		HOLD SAFETY MTG ON GAUGING TANKS WRITE & REVIEW JSA'S, WELL FLOWING CURRENT PSI 1000 PSI, ON 18/64 CHOKE, FLOWED 502 BBLS OIL, 662 BBLS WTR
8/23/2016	6:00 6:00	24.00	FB	19		P		HOLD SFETY MTG ON PROPPER PPE, WRITE & REVIEW JSA'S, CURRENT WELL PRESSURE 750 PSI, ON 18/64 CHOKE, FLOWED 586 BBLS OIL & 360 BBLS WTR, GAS FLARING
8/24/2016	6:00 7:00	1.00	WOR	28		P		CT HOLD SAFETY MTG ON ND FRAC STACK WRITE & REVIEW JSA'S
	7:00 8:00	1.00	WOR	16		P		ND FRAC STACK TO LOWER 7" HCR VALVE
	8:00 12:30	4.50	WLWORK	20		P		RU THE PERFORATORS W.L., TEST LUBRICATOR, RIH W/ 6" GR/JB TO 9500', POOH, MU & RIH W/ 7" ASX-1 PKR W/ PUMP OUT PLUG & PLUG CATCHER, RIH & SET C.E. OF PKR @ 9480', POOH & RD W.L.
	12:30 14:00	1.50	FB	19		P		BLOW WELL DWN TO PROD FACILITY, TURN WELL TO FLOW BACK TANK & PERFRORM NEGATIVE TEST, NO FLOW
	14:00 15:15	1.25	WOR	16		P		ND LOWER HCR VALVE, BARRIER 1 PKR BARRIER 2 10K MANUAL FRAC VALVE CLOSED, NU & TEST BOP, RU WORK FLOOR & TBG TONGS
	15:15 16:00	0.75	PRDHEQ	39		P		RIH OUT OF DERRICK W/ 20 JTS 2-3/8" EUE L-80 TBG, POOH & LD 2-3/8" TBG
	16:00 16:00	0.00	POST	39		P		MU & RIH W/ 7" 10K ON-OFF TOOL, TALLY & TIH OUT OF DERRICK W/ 278 JTS 2-7/8" EUE L-80 Y.B. TBG, EOT @ 9071' SECURE WELL, PKR W/ PUMP OUT PLUG BARRIER 1, SHUT & LOCK PIPE RAMS BARRIER 2, CLOSE & NIGHT CAP CSG VALVES BARRIER 1 & 2, CLOSE & NIGHT CAP TIW VALVE BARRIER 1 & 2, SDFN
8/25/2016	6:00 7:00	1.00	WOR	28		P		CT HOLD SAFETY MTG ON PU TBG OFF TRAILER WRITE & REVIEW JSA'S
	7:00 8:30	1.50	PRDHEQ	24		P		SICP & SITP 200 PSI BLOW DWN WELL TO FLOW BACK TANK, PU & RIH W/ 13 JTS 2-7/8" TBG & LATCH ONTO PKR & PULL 15K OVER STRING WT, J-OFF PKR LD 1 JT 2-7/8" TBG

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	8:30	11:00	2.50	PRDHEQ	06		P		CIRC 360 BBLS 2% KCL MIXED W/ PKR FLUID DWN TBG UP CSG TO FLOW BACK TANK
	11:00	13:30	2.50	PRDHEQ	13		P		POOH W/ 1 JT 2-7/8" TBG, MU & RIH W/ 8', 6' & 4' X 2-7/8" EUE N-80 TBG SUBS & 1 JT 2-7/8" TBG, MU TBG HANGER W/ B.P.V. LAND TBG ON HANGER, RUN DOGS IN ON HANGER, J-OUT OF HANGER, RUN IN LATCH ONTO PKR, PULL UP 12K & J BACK INTO HANGER & LAND TBG, TEST CSG TO 1000 PSI GOOD TEST, RD WORK FLOOR, NDBOP & MASTER FRAC VALVE, NU FLOW TREE & FLOW LINES, PULL B.P.V. & REPLACE W/ 2 WAY CHECK, TEST WELL HEAD GOOD TEST, PULL 2 WAY CHECK, RD RIG, PUMP OUT PLUG @ 2700 PSI, TWOTFBC 600 PSI ON 18/64 CHOKE, PU LOCATION & MOVE OUT
9/17/2016	6:00	7:00	1.00	PRDHEQ	16		P		TRAVEL TO LOC HSM, REVIEW JSA WELL CONTROL AND NU
	7:00	12:00	5.00	PRDHEQ	16		P		SIWP= O PSI CSG, 100 PSI TUBING, CONTROL WELL W/ 60 BBLS KCL DOWN TUBING INSTAL BPV ND W/H NU AND TEST BOPS AND HYD, GET OFF ON OFF TOOL REMOVE BREECH LOCK HNGR RIH GET BACK ON PKR RELEASE PKR.
	12:00	19:30	7.50	PRDHEQ	39		P		POOH W/ PKR TUBING PLUGGED W/ OIL CIRC HOT WTR DOWN CSG FLUSH TUB VOL CUNTINUE TO POOH TUBING PLUGGED AGAIN SD CIRC DOW TUB UP CSG CLEAN W/ 205 BBL HOT KCL, SHUT AND LOCK PIPE RAMS CLOSE CSG VALVES W/ BULL PLUG CLOSE TIW W/ NIGHT CAP SDFN
9/18/2016	6:00	7:00	1.00	PRDHEQ	39		P		TRAVEL TO LOC HSM, REVIEW JSA= WELL CONTROL, TRIPING TUBING, HOT OILER
	7:00	9:30	2.50	PRDHEQ	39		P		SIWP= 0 PSI OPEN WELL CONTINUE TO POOH W/ HOT WTR TRICKLING DOWN ANN.LD BHA
	9:30	12:00	2.50	PRDHEQ	39		P		PU 6" ROCK BIT RIH TALLEY AND PU 7 JNTS TAG 1ST CBP @9709'
	12:00	15:00	3.00	WOR	18		P		RU PWR SWVL TROUBLE CIRC DUE TO OIL PLUGS CLEAR TUBING RU HOT OILER AND PUMP HOT WTR AND RIG PUMP EST GOOD REV CIRC DRILL THRU CBP IN 30 MIN W/100 PSI INCREASE IN PRESS WELL FLOWING
	15:00	19:00	4.00	WOR	18		P		CONTINUE TO RIH TAG @ 10011' EST REV CIRC PWR SWVL TORQ OUT AND STOP ROTATING UNLESS TUBING WAS MOVING DRILLING SLOW CANT KEEP WEIGHT ON BIT WITHOUT TORQUING OUT DRILL 1-1/2 HOURS MADE 15' TO 10216' TAGGED SOLID COLLAR AT DRILLING HEAD CIRC CLEAN SHUT DOWN PUMP WELL FLOWED 1 HOUR 1-1/2 BPM NOT SLOWING DOWN POOH W/ 20 JNTS TO GET ABOVE PERFS SHUT AND LOCK PIPE RAMS, CLOSE HYDRILL, CLOSE CSG VALVES, CLOSE TIW W/ NIGHT CAP SDFN
9/19/2016	6:00	7:00	1.00	WOR	18		P		TRAVEL TO LOC HSM, REVIEW JSA , DRILLING AND PUMPING
	7:00	9:00	2.00	WOR	18		P		SIWP= OPEN CSG TO FBT, ND PWR SWVL PU NEW PWR SWVLOPEN CSG TO FBT PUMP 15 BBL BRINE DWN TUB TO CONTROL WELL RIH TAG CBP @ 10026 EST REV CIRC (SWVL BETTER) DRILL THRU 2ND CBP IN 35 MIN W/ LOSS OF RETURNS CIRC CLEAN
	9:00	12:00	3.00	WOR	18		P		CONTINUE TO RIH TAG L/T @ 10257'EST REV CIRC CLEAN UP REMAINING PLUG CIRC CLEAN CONTROL TUB W/ 15 BBL BRINE HANG BACK PWR SWVL
	12:00	15:00	3.00	WOR	39		P		POOH W/ 6" BIT AT 3000' LEFT ROLL HOLE W/ BRINE 60 BBL CONTINUE TOPPH LD BIT
	15:00	18:00	3.00	WOR	39		P		P.U. 4-1/8" BIT ANB BIT SUB TALLEY & PU 47 JNTS 2-3/8" X-OVER 242 JNTS 2-7/8" EOT @ 9400' CLOSE AND LOCK PIPE RAMS CLOSE HYDRILL CLOSE CSG VALVES W/ BULL PLUG CLOSE TIW W/ NIGHT CAP SDFN
9/20/2016	7:00	8:00	1.00	WOR	18		P		TRAVEL TO LOC HSM, REVIEW JSA =DRILLING & CIRCULATING

2.1 Operation Summary (Continued)

Date	Time Start-End		Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	8:00	9:00	1.00	WOR	18		P		SIWP= 0 PSIRIH TAG L/T RU PWR SWVL EST CIRC C/O AND DRILL FELL INTO LINER W/ BIT
	9:00	15:00	6.00	WOR	18		P		CONTINUE TO RIH TAG AT 10830EST REV CIRC C/O AND DRILL TO CBP AT 10853' PART WAY THRU PLUG LOST CIRC WORK TUBING SURGE MANIFOLD SEVERAL TIMES WORK TUBING SWITCH TO CONV CIRC GOOD RETURNS DRILL THRU CBP CIRC 30 MIN
	15:00	19:00	4.00	WOR	18		P		CONTINUE TO RIH TAG 11250'EST CONV CIRC C/O TO CBP @ 11276' DRILL SLOWLY ON PLUG PART WAY THRU LOST ALL CIRC MIX AND PUMP POLY SWEEP CONTINUE TO PUMP DOWN TUB UP CSG 90 MIN NO RETURNS POOH ABOVE L/T EOT @ 10100' CLOSE AND LOCK PIPE RAMS CLOSE HYD. CLOSE CSG VALVE, W/ BULL PLUG CLOSE TIW W/ NIGHT CAP SDFN, TOTAL FLUID LOST TODAY 850 BBLS, FLUID LOST AFTER LOST CIRC 280 BBLS
9/21/2016	6:00	7:00	1.00	WOR	18		P		TRAVEL TO LOC HSM REVIEW JSA= PUMP W/ 2 PUMPS HANDLING POLY
	6:00	7:00	1.00	WOR	18		P		TRAVEL TO LOC HSM REVIEW JSA= PUMP W/ 2 PUMPS HANDLING POLY
	7:00	10:00	3.00	WOR	18		P		SIWP=0 PSI, RIH TAG @ 11590' MI RU 2ND PUMP EST REV CIRC @ 300 BBLS C/O AND DRILL THRU CBP @ 11275' CIRC CLEAN
	7:00	10:00	3.00	WOR	18		P		SIWP=0 PSI, RIH TAG @ 11590' MI RU 2ND PUMP EST REV CIRC @ 300 BBLS C/O AND DRILL THRU CBP @ 11275' CIRC CLEAN
	10:00	13:00	3.00	WOR	18		P		CONTINUE TO RIH TAG @ 11570' EST CIRC C/O & DRILL 11630 CIRC CLEAN LOST 1700 BBL PULL OUT OF LINER FLUSH OIL OUT OF TUBING
	10:00	13:00	3.00	WOR	18		P		CONTINUE TO RIH TAG @ 11570' EST CIRC C/O & DRILL 11630 CIRC CLEAN LOST 1700 BBL PULL OUT OF LINER FLUSH OIL OUT OF TUBING
	13:00	16:00	3.00	WOR	18		P		CONTINUE TO POOH LD 2-3/8" TUBING AND BIT (STOPED SEVERAL TIMES TO FLUSH OIL OUT OF TUBING
	13:00	16:00	3.00	WOR	18		P		CONTINUE TO POOH LD 2-3/8" TUBING AND BIT (STOPED SEVERAL TIMES TO FLUSH OIL OUT OF TUBING
	16:00	19:00	3.00	WOR	18		P		MIRU HYDRO TEST UNIT PU BHA SIH W/ PROD TESTING TO 8500 PSI EOT @ 1400' CLOSE AND LOCK PIPE RAMS, CLOSE HYDRILL, CLOSE CSG VALVES W/ BULL PLUG, CLOSE TIW W/ NIGHT CAP SDFN
	16:00	19:00	3.00	WOR	18		P		MIRU HYDRO TEST UNIT PU BHA SIH W/ PROD TESTING TO 8500 PSI EOT @ 1400' CLOSE AND LOCK PIPE RAMS, CLOSE HYDRILL, CLOSE CSG VALVES W/ BULL PLUG, CLOSE TIW W/ NIGHT CAP SDFN
9/23/2016	6:00	7:00	1.00	INSTUB	39		P		TRAVEL TO LOC HSM, JSA= HYDRO TESTING TUBING, NU HOT OILING
	7:00	12:00	5.00	INSTUB	39		P		SIWP=200 PSI, CONTINUE TO RIH HYDRO TEST PROD TUBING ALL JNTS GOOD
	12:00	14:00	2.00	WOR	18		P		RD HYDRO TESTER SET TAC @ 10010.37' SN@ 10113.48' W/ 23000# TENSION LAND TUB ON HNGR RD FLOOR AND TUBING EQUIP ND BOPS AND HYDRILL NU B FLANGE NU WELL HEAD RD RIG MO (MOVE RIG TO ESPLEY 1-15C4)
	14:00	19:00	5.00	INARTLT	03		P		MIRU CO-ROD RIG FLUSH TUBING W/ 60 BBL OF INHIBITED KCL PU 2-1/2" X 1-3/4" X 38' INSERT PUMP RIH W/ 16 & 14 COROD POOH CUT AND LD 14 COROD SIW SDFN
9/24/2016	6:00	7:00	1.00	INARTLT	03		P		TRAVEL TO LOC HSM JSA= RUNING COROD, HOT OILING
	6:00	7:00	1.00	INARTLT	03		P		TRAVEL TO LOC HSM JSA= RUNING COROD, HOT OILING
	7:00	9:00	2.00	INARTLT	03		P		SPLICE AND WELD 500' 16/16
	7:00	9:00	2.00	INARTLT	03		P		SPLICE AND WELD 500' 16/16
	9:00	12:00	3.00	INARTLT	03		P		SPLICE AND WELD AND RUN 2000' 15/16'
	9:00	12:00	3.00	INARTLT	03		P		SPLICE AND WELD AND RUN 2000' 15/16'

2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity Code	Sub	OP Code	MD from (usft)	Operation
	12:00 15:00	3.00	INARTLT	03		P		RUN REMAINING CO ROD TAG SPACE OUT SPLICE AND WELD SEAT PUMP NU WELLHEAD PRESS TEST PUMP TO 1000 PSI RD CO-ROD RIG SLIDE UNIT HANG OFF RODS ON UNIT TURN WELL OVER TO PRODUCTION
	12:00 15:00	3.00	INARTLT	03		P		RUN REMAINING CO ROD TAG SPACE OUT SPLICE AND WELD SEAT PUMP NU WELLHEAD PRESS TEST PUMP TO 1000 PSI RD CO-ROD RIG SLIDE UNIT HANG OFF RODS ON UNIT TURN WELL OVER TO PRODUCTION

RECEIVED: Oct. 12, 2016